

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).

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 and fund balance.

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, one-time water asset sales, transfer from operations, miscellaneous leases and net assets.

Waste Water Capital Improvement Fund - The Capital Improvement fund tracks waste 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 source is system development fees 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 source is system development fees, transfer from operations.

2015 – 2019 Capital Improvement Program Budget Revenue (42)

Acct #	Revenues	2015 Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget
31-1300	Sales, Non SURA	\$187,000	\$191,000	\$195,000	\$200,000	\$204,000
31-1301	Sales, SURA	636,000	655,000	672,000	688,000	705,000
31-1310	Vehicle Use	67,500	67,500	67,500	67,500	67,500
31-1320	Building Use	45,000	45,000	35,000	35,000	20,000
36-6100	Interest Income	6,000	-	-	-	-
36-6340	Transportation Tax – BOCO	75,000	-	-	-	-
36-6600	Miscellaneous	20,000	20,000	20,000	20,000	20,000
36-6840	Park Fee - Remington Development	15,000	45,000	45,000	-	-
36-6910	Transfer from General Fund	1,445,000	923,000	1,840,000	1,980,000	1,610,000
	Use of / (Addition to) Fund Balance	1,172,400	(7,800)	22,172	9,918	(1,265,459)
		\$3,668,900	\$1,938,700	\$2,896,672	\$3,000,418	\$1,361,041

2015 – 2019 Capital Improvement Program Fund Budget Expense (42)

Acct #	Expenses	2015 Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget
Public Works and Utilities (430)						
6598	Street Project Soft Costs	\$200,000	\$80,000	\$80,000	\$80,000	\$80,000
6599	Street Maintenance	80,000	82,400	84,872	87,418	90,041
6604	Street Replacement Program	2,500,000	1,000,000	1,000,000	1,000,000	1,000,000
6300	Vehicle Replacement/ Purchase	22,500	18,000	35,000	-	70,000
6595	School Zone Flashers	40,000	-	-	-	-
6596	Rock Creek Pkwy Pedestrian Crossing Flashing Beacons	130,000	-	-	-	-
6640	McCaslin Blvd Slope Stability Improvements	50,000	-	-	-	-
6241	Bridge Rail Painting	-	40,000	40,000	-	-
6594	Left-Turn Flashing Yellow Signal Heads	-	45,000	-	-	-
6652	Town Wide Traffic Signal Health Index Assessment	-	35,000	-	-	-
6243	Tri Annual Pavement Condition Index Update	-	-	30,000	-	-
6421	Building-PW/Parks Maint & Oper.	-	-	37,500	375,000	-
		\$3,022,500	\$1,300,400	\$1,307,372	\$1,542,418	\$1,240,041

2015 – 2019 Capital Improvement Program Fund Budget Expense (42)

Acct #	Expenses	2015 Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget
Parks, Rec, Open Space (426)						
3480	Pool Repairs & Improvements	\$71,000	\$71,000	\$60,000	\$60,000	\$45,000
6290	Tree and Plant Enhancements	42,000	44,000	46,000	48,000	50,000
6300	Vehicle Replacement	11,400	22,800	3,300	-	6,000
6531	Drinking Fountain Replacement	7,500	-	-	-	-
6533	Park Furniture Replacement	22,500	22,500	22,500	-	-
6535	Historical Museum and Grasso Park Improvements	7,000	5,000	-	-	-
6536	McCaslin/Indiana Landscape Enhance	75,000	-	-	-	-
6538	School Parcel Improvements	165,000	415,000	915,000	415,000	-
6551	Ball Field Fence Replacement	60,000	-	-	-	-
6150	Tennis Court Improvements	-	5,000	-	5,000	-
6360	Trail Improvements	-	-	230,000	-	-
6421	Building-PW/Parks Maint. & Oper.	-	-	37,500	375,000	-
6520	Shrub Bed Renovation	-	-	50,000	50,000	-
6537	Coalton Corridor Enhancements	-	-	190,000	-	-
6539	Eldorado K-8 Field Improvements	-	-	-	250,000	-
6550	Williams Turf Field Replacement	-	-	-	250,000	-
		\$461,400	\$585,300	\$1,554,300	\$1,453,000	\$101,000

2015 – 2019 Capital Improvement Program Fund Budget Expense (42)

Acct #	Expenses	2015 Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget
Other (490)						
6010	Environmental “Green” Enhancements	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
6100	Server Replacement	15,000	15,000	15,000	-	15,000
6140	AV Equipment Improvement	55,000	-	-	-	-
6251	Security Enhancements	50,000	-	-	-	-
6331	Bus Stop Shelters	60,000	-	-	-	-
6300	Vehicle Replacement	-	33,000	-	-	-
6890	Monument Signs	-	-	15,000	-	-
		\$185,000	\$53,000	\$35,000	\$5,000	\$20,000
Total Capital Projects		\$3,668,900	\$1,938,700	\$2,896,672	\$3,000,418	\$1,361,041

Street Project Soft Costs

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 200,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 200,000

2016 80,000

2017 80,000

2018 80,000

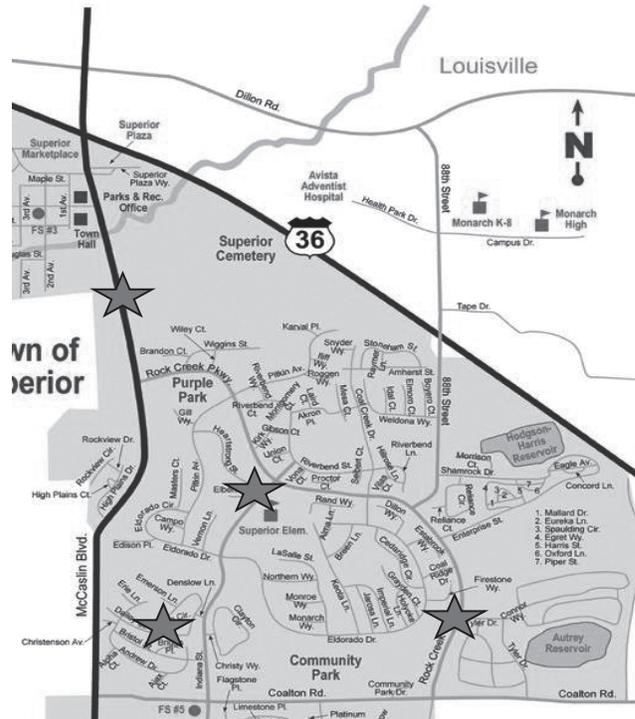
2019 80,000

\$ 200,000 **Total Cost**

Total Cost \$ 520,000

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

\$ 80,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 80,000

2016 82,400

2017 84,872

2018 87,418

2019 90,041

\$ 80,000 **Total Cost**

Total Cost \$ 424,731

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

\$ 2,500,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 2,500,000

2016 1,000,000

2017 1,000,000

2018 1,000,000

2019 1,000,000

\$ 2,500,000 **Total Cost**

Total Cost \$ 6,500,000

PROJECT DESCRIPTION

This project provides for ongoing street pavement management construction activities. This includes crack sealing, concrete and patch repair, seal coating, overlay, and reconstruction.

2015 - Creekside North reconstruction (1.5M)
 Rock Creek Parkway (88th to Honey Creek Lane) reconstruction (1 M)

2016 - McCaslin (Marshall to Rock Creek Pkwy) mill & overlay

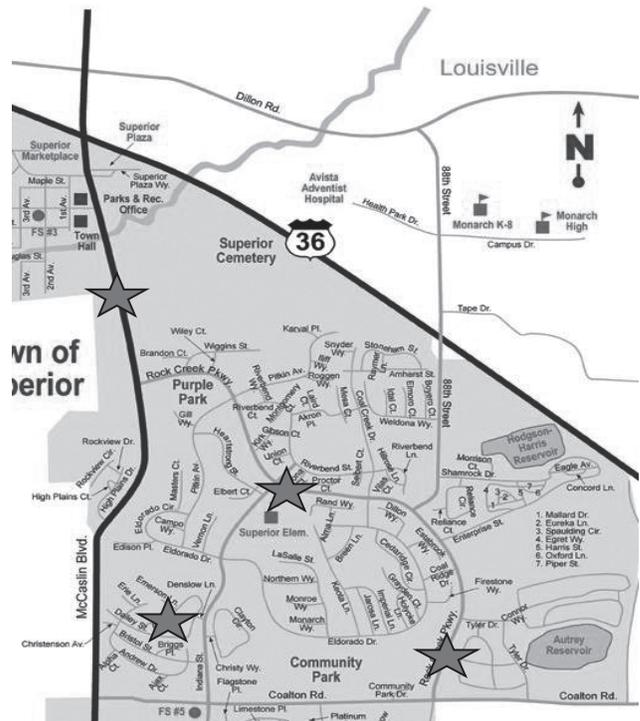
2017 - Rock Creek Parkway and mill & overlay (Honey Creek to Coalton)

2018 - Rock Creek Circle mill & overlay, neighborhood (3) slurry seal

2019 - Neighborhood slurry seal

ANNUAL OPERATING BUDGET IMPACT

\$ -



Vehicle Replacement, Purchase

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 22,500	Governmental Capital
11,250	Water Capital
6,750	Sewer Capital
4,500	Storm Capital
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\$ 45,000	Total Cost

BUDGET BY YEAR

2015	\$ 45,000
2016	36,000
2017	35,000
2018	200,000
2019	<u>140,000</u>
Total Cost	\$ 456,000

PROJECT DESCRIPTION

2015 - Major maintenance to roll-off truck (106) and new Public Works pool vehicle (compact 4x4 truck) split between GF, Water, Sewer and Storm.

2016 - Replacement of pick-up truck (109) split between GF, Water, Sewer and Storm.

2017 - Replacement of crack-sealing machine out of GF.

2018 - Replacement of Sewer jet/vacuum truck (105) out of Sewer fund.

2019 - Loader/Backhoe replacement, replacement of pick-up truck (110) split between GF, Water, Sewer and Storm.

ANNUAL OPERATING BUDGET IMPACT

\$ 1,000

School Zone Flashers

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 40,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 40,000

2016 -

2017 -

2018 -

2019 -

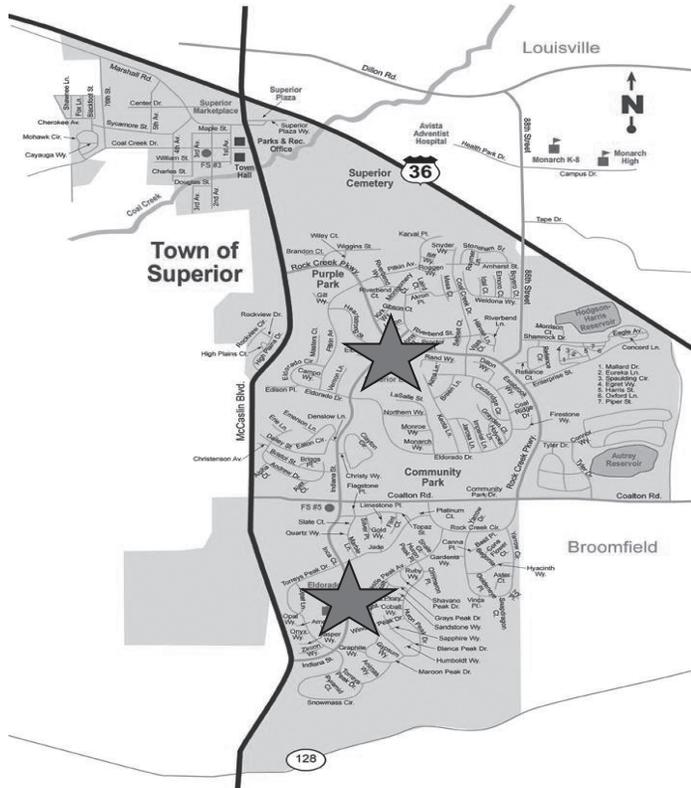
\$ 40,000 **Total Cost**

Total Cost \$ 40,000

PROJECT DESCRIPTION

This project will make some modifications to the school zone flashers as follows:

- 1) Replace the two school zone flashers on Rock Creek Parkway on either side of Indiana.
- 2) Move the school zone flasher on northbound Indiana for Superior Elementary to the north side of Eldorado.
- 3) Add a new school zone flasher on Mt Sopris Pkwy near Eldorado K8.



ANNUAL OPERATING BUDGET

\$ -

Rock Creek Pkwy Pedestrian Crossing Flashing Beacons

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 130,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 130,000

2016

2017 -

2018 -

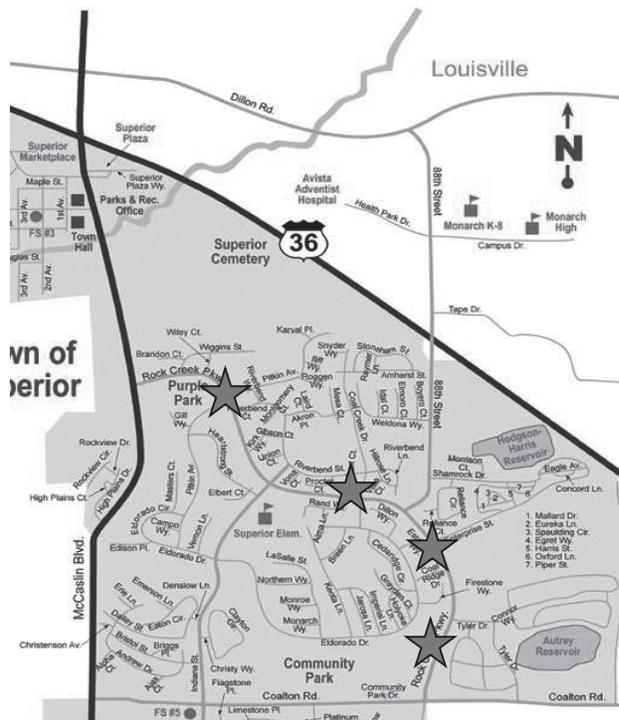
2019 -

Total Cost
\$ 130,000

Total Cost \$ 130,000

PROJECT DESCRIPTION

This project will install rectangular rapid flashing beacons at the pedestrian crosswalks on Rock Creek Parkway at the Pitkin, Coal Creek Drive, and Coal Ridge Drive intersections as well as a new mid-block crossing south of Horizons.



ANNUAL OPERATING BUDGET IMPACT

TBD

McCaslin Slope Stability Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 50,000

2016 -

2017 -

2018 -

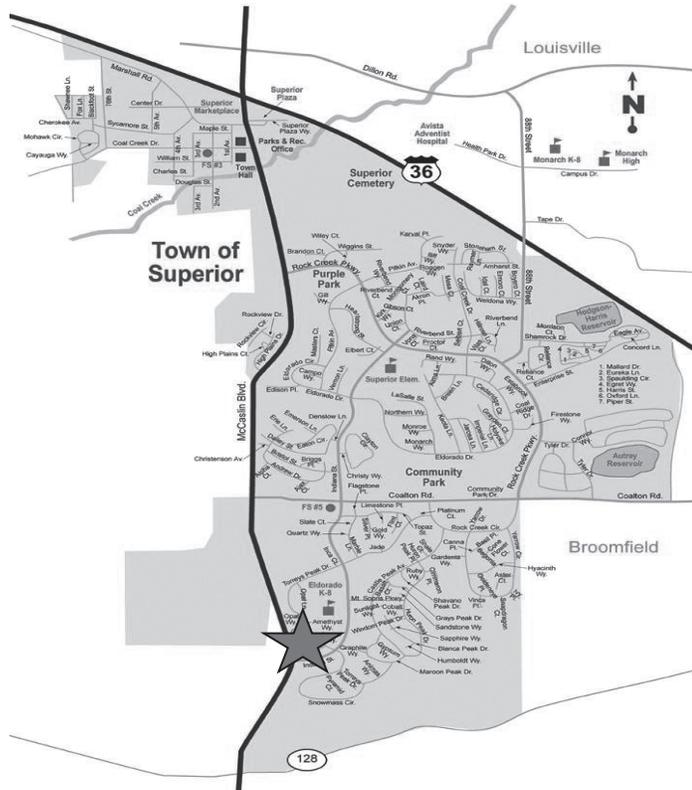
2019 -

\$ 50,000 **Total Cost**

Total Cost \$ 50,000

PROJECT DESCRIPTION

The Town has been working on investigations into the stability of the slopes of McCaslin near the Indiana Street intersection. Improvements will be installed based on the recommendations of the investigation work.



ANNUAL OPERATING BUDGET

\$ -

Bridge Rail Painting

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 40,000 Governmental Capital

BUDGET BY YEAR

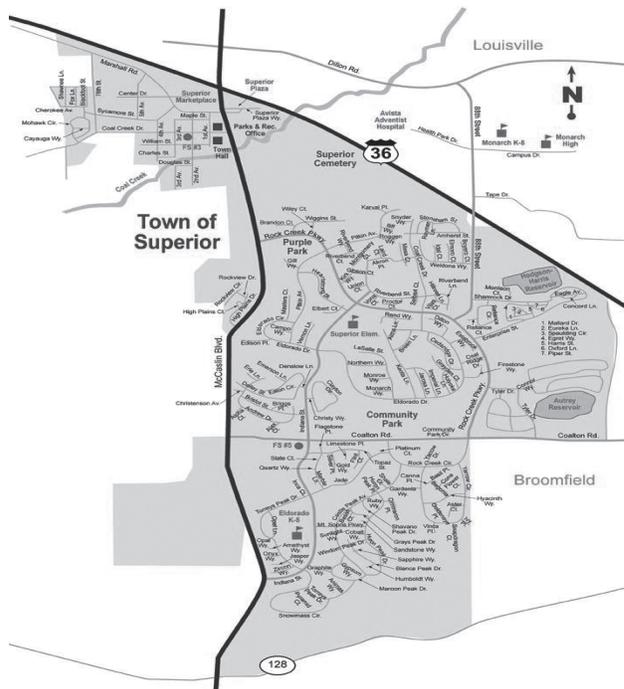
2015	\$ -
2016	40,000
2017	40,000
2018	-
2019	-

Total Cost
\$ 40,000

Total Cost \$ 80,000

PROJECT DESCRIPTION

This project provides for funding to address Rock Creek Parkway Bridge rail painting.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Left-Turn Flashing Yellow Traffic Signal Heads

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 45,000 Governmental Capital

BUDGET BY YEAR

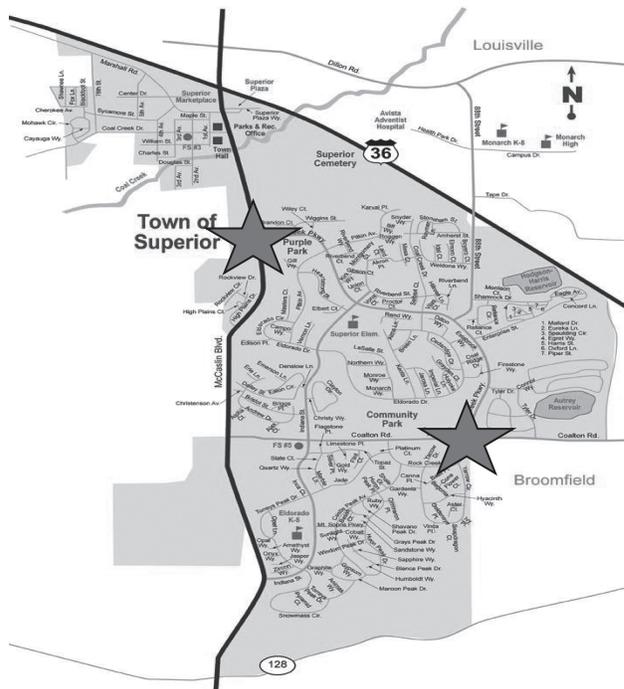
2015	\$ -
2016	45,000
2017	-
2018	-
2019	-

Total Cost
\$ 45,000

Total Cost \$ 45,000

PROJECT DESCRIPTION

This project will install flashing yellow traffic signal heads at Rock Creek Parkway & McCaslin (2) and at Rock Creek Parkway and Coalton (4). These signal heads reduce driver confusion at the intersections for unprotected (green arrowed) left turn movements.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Town Wide Traffic Signal Health Index Assessment

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 35,000 Governmental Capital

BUDGET BY YEAR

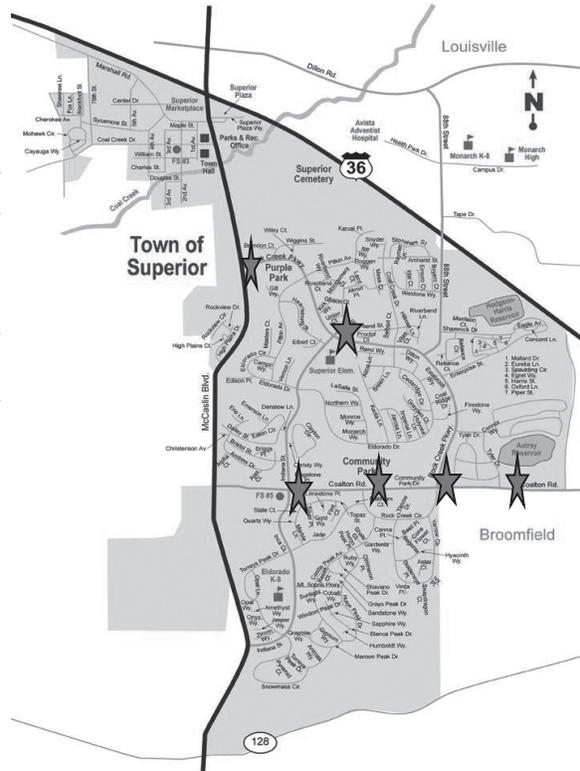
2015	\$ -
2016	35,000
2017	-
2018	-
2019	-

Total Cost \$ 35,000

Total Cost \$ 35,000

PROJECT DESCRIPTION

This project provides for assessment of traffic signals to determine equipment condition and steel pole and mast arm conditions. Results of the assessment will be used to plan for timing and replacement of critical transportation infrastructure. This assessment should be completed every five years. This assessment will exclude the three poles that will be replaced with the DDI (US36 ramp north, US36 ramp south, Marshall/McCaslin) as well as the new McCaslin/High Plains and 88th Pedestrian signals.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Tri Annual Pavement Condition Index Update

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 30,000 Governmental Capital

BUDGET BY YEAR

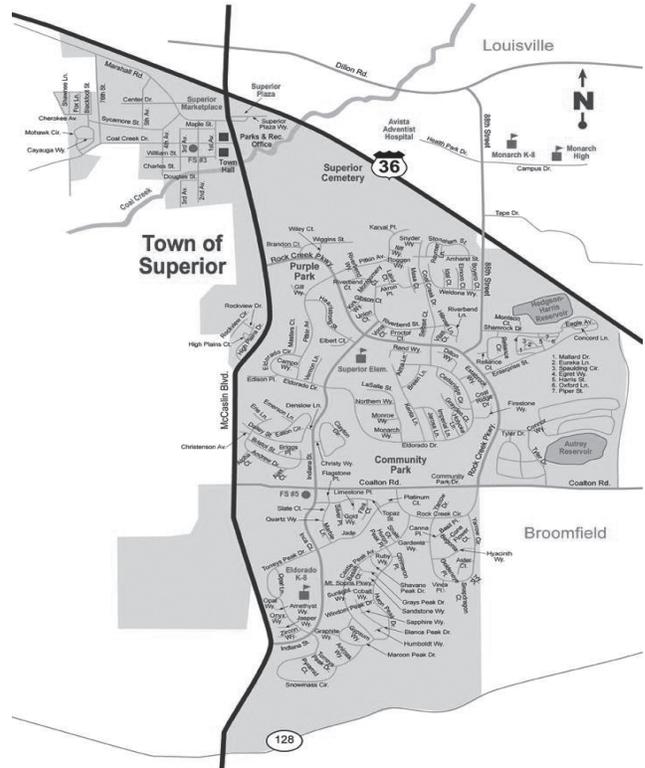
2015	\$	-
2016		-
2017		30,000
2018		-
2019		-

\$ 30,000 **Total Cost**

Total Cost \$ 30,000

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 years to track the deterioration of streets in efforts to project optimal treatment or rehabilitation.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Public Works & Parks Maintenance & Operations Building

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 75,000	Governmental Capital
37,500	Water Capital
22,500	Sewer Capital
15,000	Storm Capital
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\$ 150,000	Total Cost

BUDGET BY YEAR

2015	\$ -
2016	-
2017	150,000
2018	1,500,000
2019	-
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Total Cost	\$ 1,650,000

PROJECT DESCRIPTION

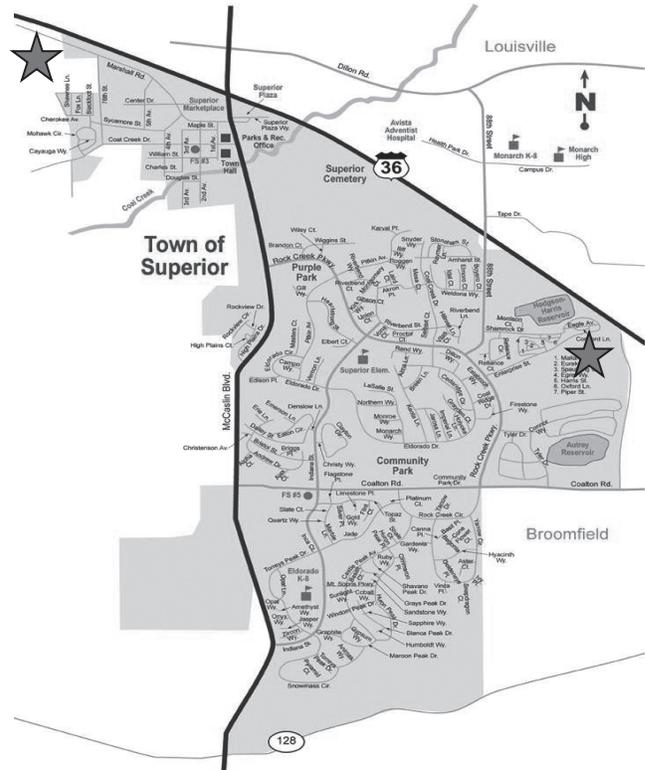
Construction of a combined Public Works & Parks maintenance operations building. The existing buildings are inadequate for the breath, scope and complexity of the current and future maintenance operations. This project may also include construction of a salt/sand storage area. An architect has been selected to work with staff on preliminary design, sizing and site location options.

2017 - Final design

2018 - Construction

ANNUAL OPERATING BUDGET IMPACT

\$ 72,500



Pool Repairs and Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 71,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 71,000

2016 71,000

2017 60,000

2018 60,000

2019 45,000

\$ 71,000 **Total Cost**

Total Cost \$ 307,000

PROJECT DESCRIPTION:

2015: North Pool non-slip flooring; North and South Pool lane lines; update chemical controllers; replaster and retile North baby pool; add center handrail to North Pool stairs.

2016: Exterior pressure wash and painting; replace gates, North Pool fence; Replace North baby pool boiler; South Pool picnic tables; recaulk deck seems; level broken concrete.

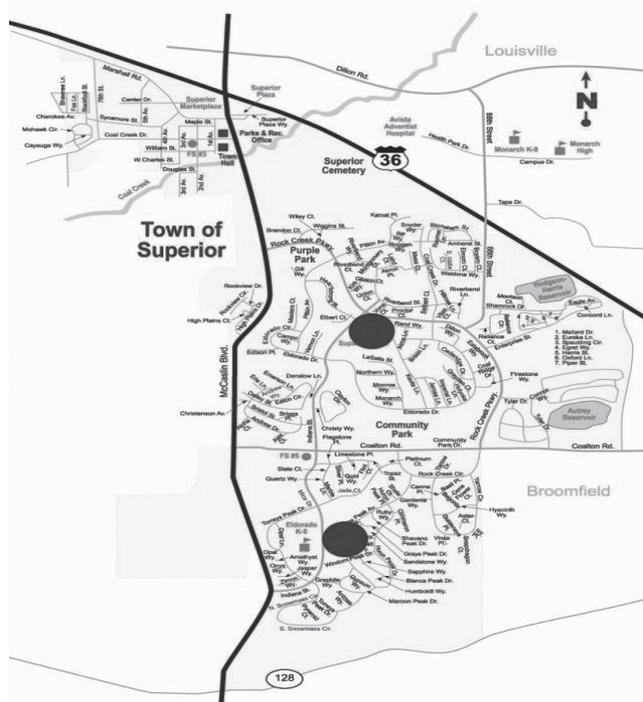
2017: Replace filter media; North and South Pool in-season pool covers; furniture replacement; South Pool fence; North and South Pool sun shades.

2018: Upright vac South Pool; replace winterization covers for main pools; regrout North main pool tile; update and replace stair and ladder fixtures.

2019: TBD

ANNUAL OPERATING BUDGET IMPACT

\$ -



Drinking Fountain Replacement

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 7,500 Governmental Capital

BUDGET BY YEAR

2015 \$ 7,500

2016 -

2017 -

2018 -

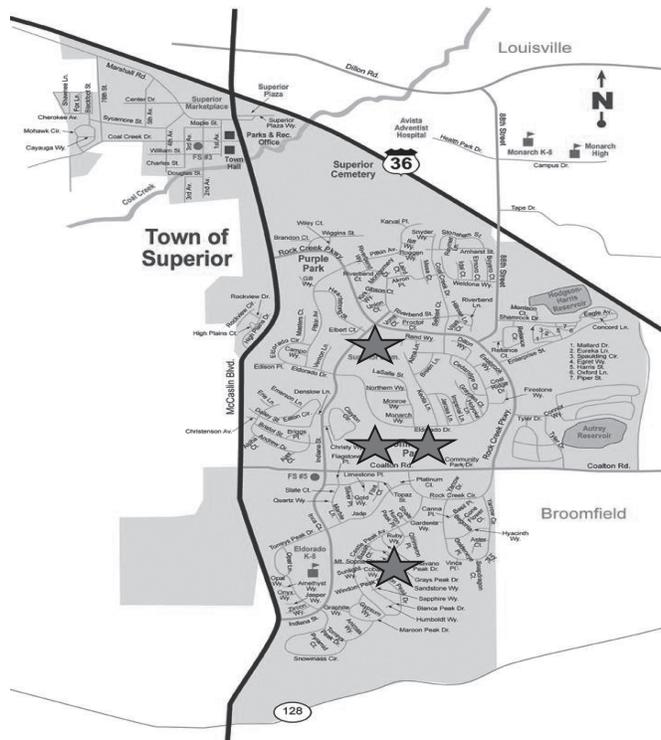
2019 -

Total Cost \$ 7,500

Total Cost \$ 7,500

PROJECT DESCRIPTION

2015: Replace one drinking fountain South Pool, one at North Pool and one at the tennis courts. Fountains require extensive repair annually.



ANNUAL OPERATING BUDGET IMPACT

\$ (300)

Park Furniture Replacement

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 22,500 Governmental Capital

BUDGET BY YEAR

2015 \$ 22,500

2016 22,500

2017 22,500

2018 -

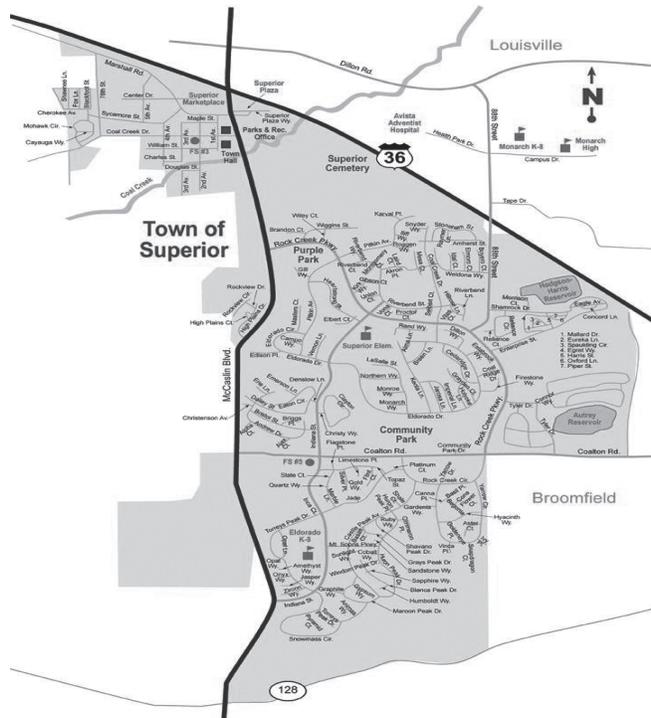
2019 -

\$ 22,500 **Total Cost**

Total Cost \$ 67,500

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

\$ -

Historical Museum and Grasso Park Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 7,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 7,000

2016 5,000

2017 -

2018 -

2019 -

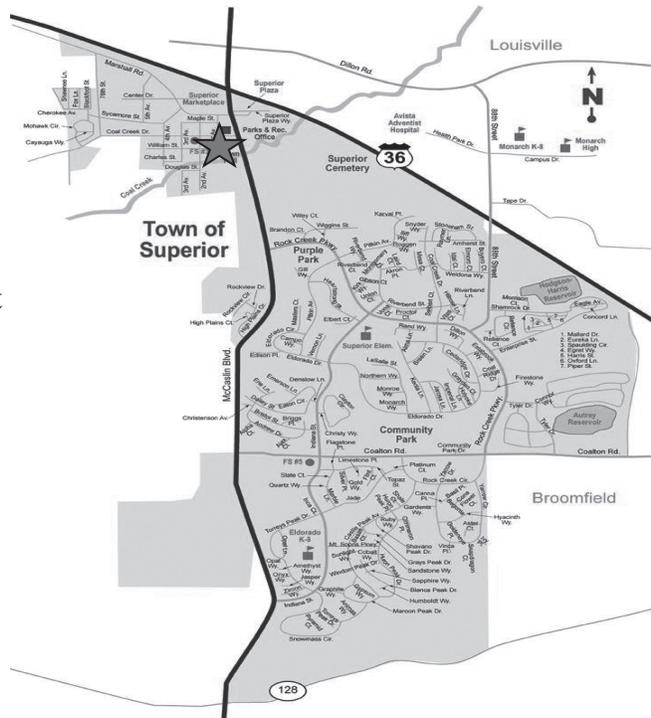
\$ 7,000 **Total Cost**

Total Cost \$ 12,000

PROJECT DESCRIPTION

2015: Work with contractor to repair structural and utility issues; reinforce Grasso building roof trusses; replace damaged siding, and adjust the water line under the front deck of the Museum.

2016: Work with a contractor to adjust and/or replace Grasso windows and door frames; replaster and paint exterior of the Museum in damaged areas; adjust Museum doors and windows; sand and repaint back Museum deck.



ANNUAL OPERATING BUDGET IMPACT

\$ -

McCaslin and Indiana Landscape Enhancements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 75,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 75,000

2016 -

2017 -

2018 -

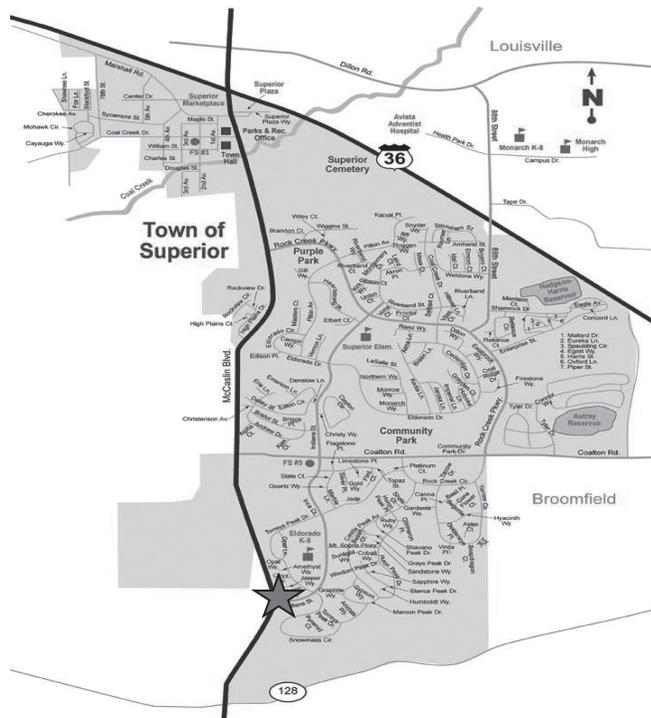
2019 -

\$ 75,000 **Total Cost**

Total Cost \$ 75,000

PROJECT DESCRIPTION

This project would enhance existing landscape features at the southern entry to Superior located at the intersection of McCaslin and Indiana. A large crusher fine turn around area on the south side of Indiana will be removed and replaced with irrigated turf. Monument beds will be expanded and planted with a combination of shrubs and perennial flowers. Existing landscape lighting that was installed during original construction will be replaced with energy efficient LED lighting. An existing sidewalk will be extended 250' to accommodate a proposed future trail connection to open space trails west of McCaslin.



ANNUAL OPERATING BUDGET IMPACT

\$ 1,200

Scanlon/Stewart Ballfields Fence Replacement

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 60,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 60,000

2016 -

2017 -

2018 -

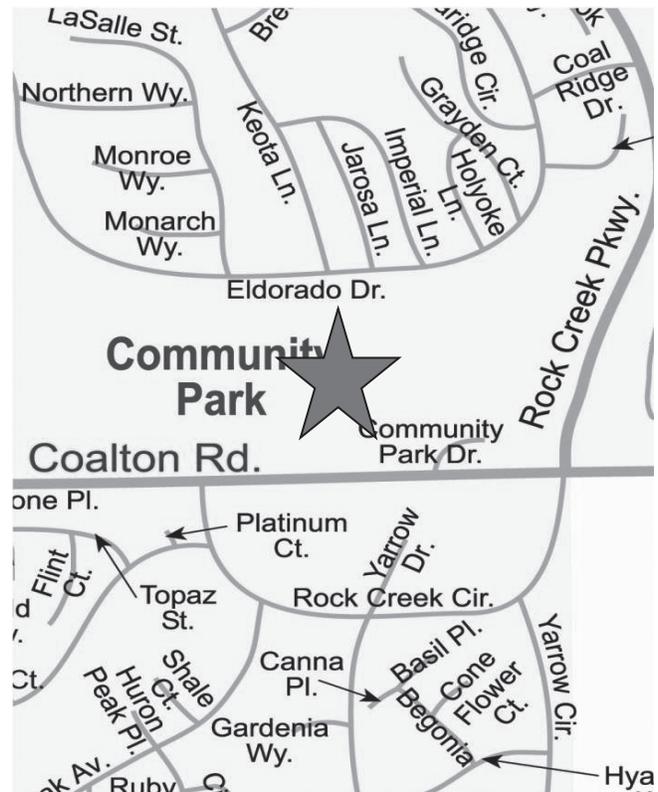
2019 -

Total Cost \$ 60,000

Total Cost \$ 60,000

PROJECT DESCRIPTION

The 2,127 linear feet of vinyl coated chain link fencing surrounding the two ball fields at Community Park is bent and damaged. This project would install new vinyl coated fencing with thicker gauge core wire to decrease maintenance cost and provide more safety for the field users and spectators.



ANNUAL OPERATING BUDGET IMPACT

\$ (1,000) Decrease maintenance cost

Tennis Court Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 5,000 Governmental Capital

BUDGET BY YEAR

2015 \$ -

2016 5,000

2017 -

2018 5,000

2019 -

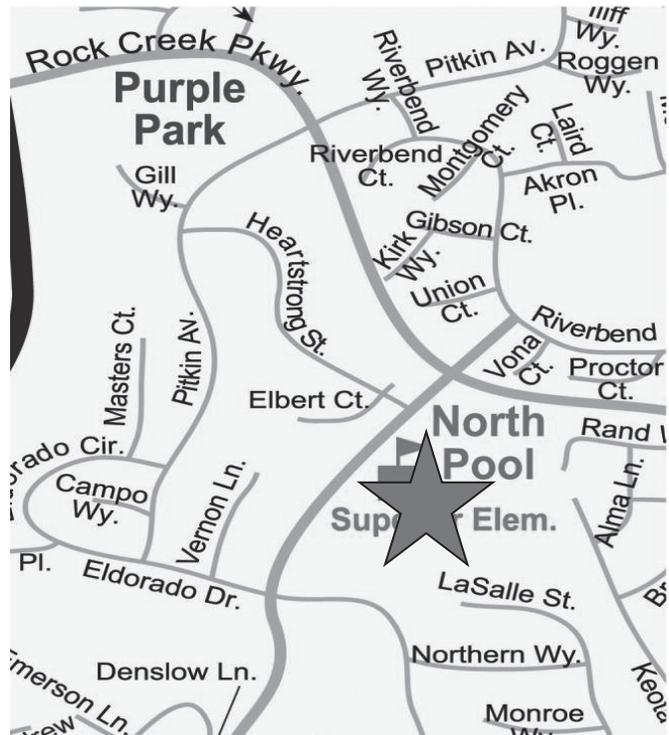
\$ 5,000 **Total Cost**

Total Cost \$ 10,000

PROJECT DESCRIPTION:

2016 - Replace fencing and windscreens.

2018 - Five-year resurface cycle for four tennis courts.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Shrub Bed Renovation

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Governmental Capital

BUDGET BY YEAR

2015 \$ -

2016 -

2017 50,000

2018 50,000

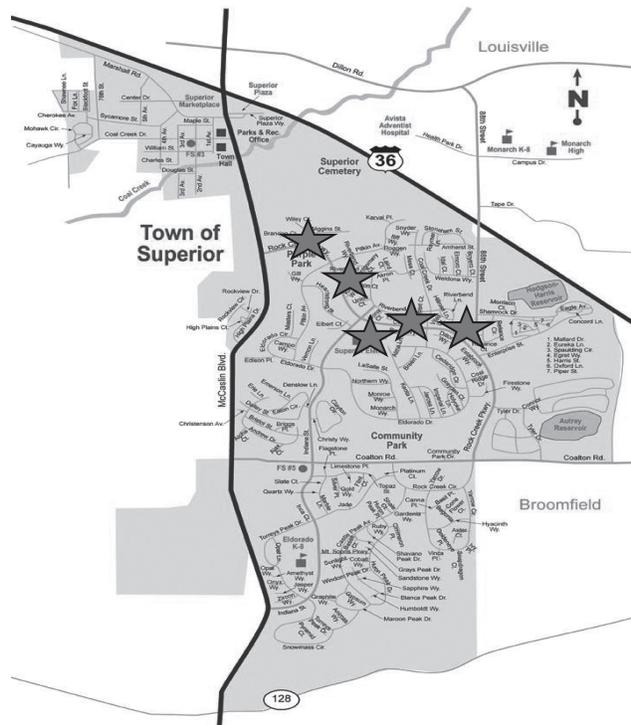
2019 -

\$ 50,000 **Total Cost**

Total Cost \$ 100,000

PROJECT DESCRIPTION:

This is a 2 year phased project. The project is necessary due to the fact that much of the plant material is suffering. The original evergreen shrubs were installed at the inception of Rock Creek Ranch (medians) and has suffered for years due to sand/salt in the winter, compacted soils and vole activity. The Rock Creek Parkway medians will include replacement of the evergreen shrubs. The North Pool replacement would include evergreen shrubs along the south fence of the pool and the shrubs between the tennis courts.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Coalton Corridor Irrigation and Landscape Enhancements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 190,000 Governmental Capital

BUDGET BY YEAR

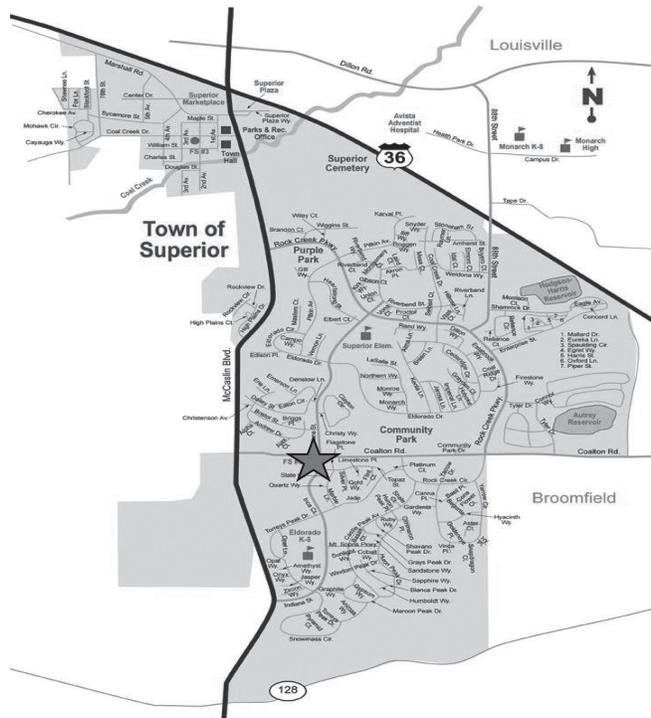
2015	\$	-
2016		-
2017		190,000
2018		-
2019		-

Total Cost
\$ 190,000

Total Cost \$ 190,000

PROJECT DESCRIPTION

Most of the irrigation system in the corridor on the north and south sides of Coalton Road is designed to irrigate native type grasses using rotors with less uniform coverage. There are also two areas with lengths totaling 1,275 lineal feet in the corridor that lack any kind of irrigation system. This project consists of converting and adding irrigation to service a thirty foot wide swath of native grasses adjacent to both sides of the roadway to a turf type system, and also includes installing fescue sod in those areas. Additionally, irrigation and sod would be installed around Coalton pond and the street lawn on Indiana in front of Calmante property.



ANNUAL OPERATING BUDGET IMPACT

\$ 7,500 (Beginning in 2017)

Eldorado K-8 Field Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 250,000 Governmental Capital

BUDGET BY YEAR

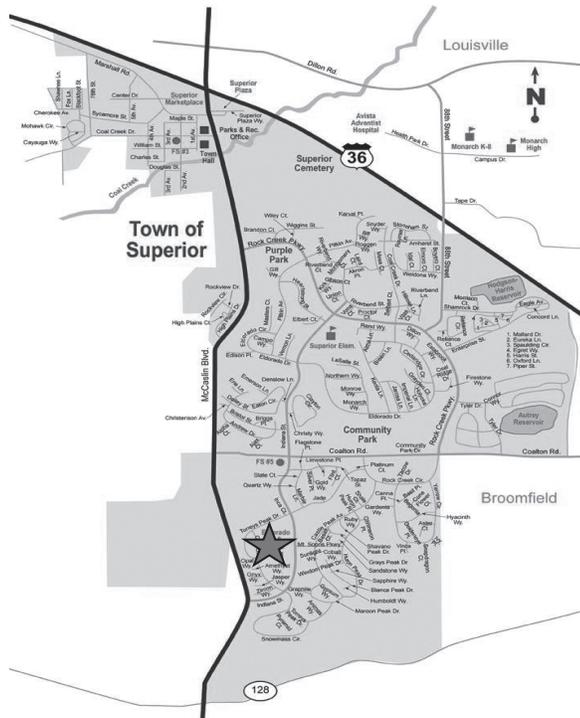
2015	\$ -
2016	-
2017	-
2018	250,000
2019	-

Total Cost
\$ 250,000

Total Cost \$ 250,000

PROJECT DESCRIPTION

Funding to replace the natural grass in the multi-purpose field at Eldorado K-8 with synthetic turf as part of a joint-use agreement with Boulder Valley School District. The field would be available to the community during non-school hours for programming.



ANNUAL OPERATING BUDGET

\$ -

Williams Turf Field Replacement

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 250,000 Governmental Capital

BUDGET BY YEAR

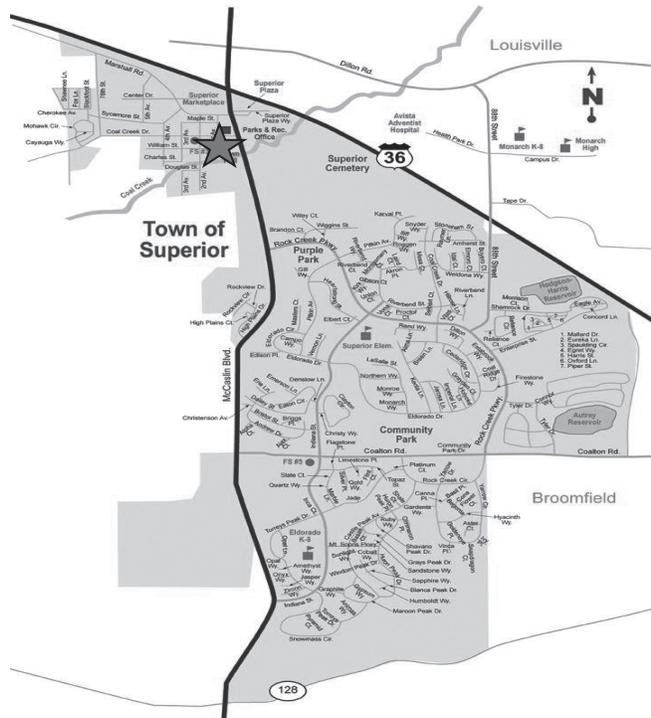
2015	\$	-
2016		-
2017		-
2018		250,000
2019		-

\$ 250,000 **Total Cost**

Total Cost \$ 250,000

PROJECT DESCRIPTION

2018 - Full replacement of synthetic turf field surfacing and new crumb rubber foundation.



ANNUAL OPERATING BUDGET IMPACT

\$ 1,500

Environmental "Green" Enhancements

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 5,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 5,000

2016 5,000

2017 5,000

2018 5,000

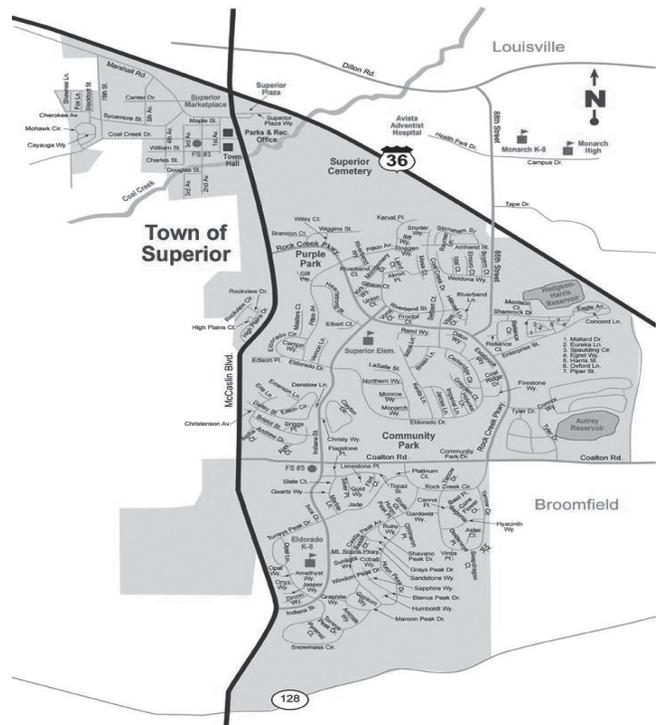
2019 5,000

Total Cost \$ 5,000

Total Cost \$ 25,000

PROJECT DESCRIPTION:

New environmental "green" enhancements within the Town. This includes possible projects such as: LED light conversion, HVAC upgrades, solar conversions.



ANNUAL OPERATING BUDGET IMPACT

TBD

Server Replacement

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 15,000

2016 15,000

2017 15,000

2018 -

2019 15,000

\$ 15,000 **Total Cost**

Total Cost \$ 60,000

PROJECT DESCRIPTION:

Servers are on a 5 year replacement schedule. Staff will continue to evaluate the "cloud" as a cost effective and secure alternative

2015 - Replace Main Server

2016 - Replace Caselle

2017 - Replace Laserfiche

2019 - Replace GIS

ANNUAL OPERATING BUDGET IMPACT

\$ -

AV Equipment Improvements

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 55,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 55,000

2016 -

2017 -

2018 -

2019 -

\$ 55,000 **Total Cost**

Total Cost \$ 55,000

PROJECT DESCRIPTION:

On-going upgrade/enhancement of Boardroom audio visual equipment (both for in-room presentations and broadcasts over Channel 8 and web streaming). Some 1999 equipment replacement began over the past two years (Boardroom cameras, display screen, speakers and in-room amplifier and equalizer). 2015 planned improvements include (1) high definition video cards for cameras (would improve the video quality of web streaming and also prepare the Town when Comcast is able to broadcast Channel 8 in HD), (2) replacement of 1999 broadcast equipment components (switcher, recorder, controller) and (3) replacement of the existing presentation table.

ANNUAL OPERATING BUDGET IMPACT

\$ 2,000

Security Enhancements

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 50,000

2016 -

2017 -

2018 -

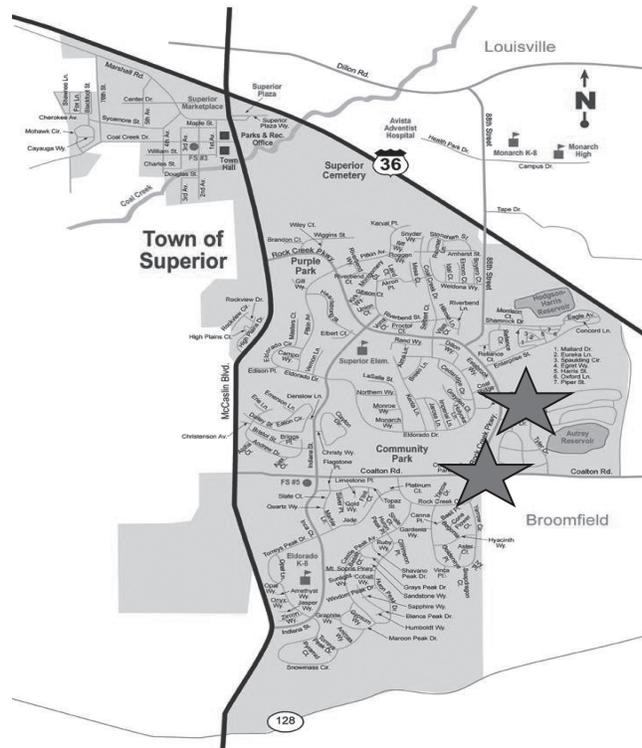
2019 -

Total Cost \$ 50,000

Total Cost \$ 50,000

PROJECT DESCRIPTION:

Installation of network video camera and recording system at Community Park, Autrey Park and Wastewater Treatment Plant.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Bus Stop Shelters

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 60,000 Governmental Capital

BUDGET BY YEAR

2015 \$ 60,000

2016 -

2017 -

2018 -

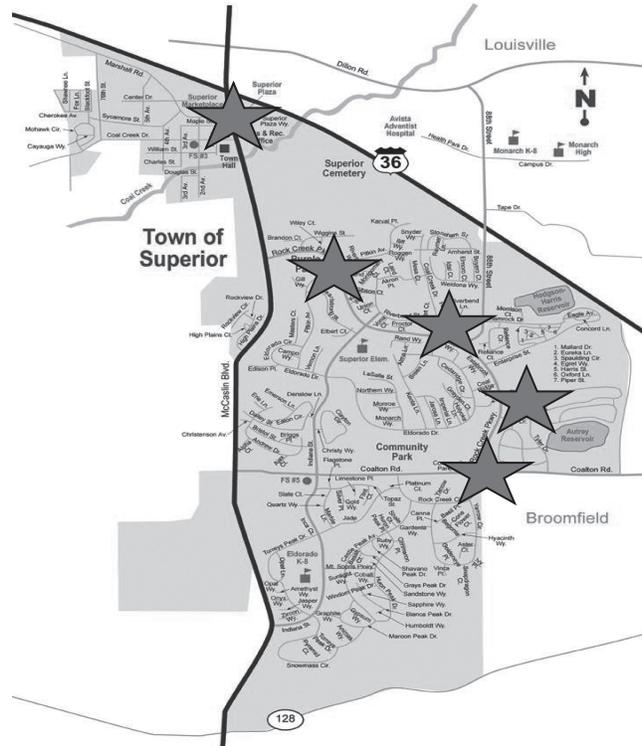
2019 -

\$ 60,000 **Total Cost**

Total Cost \$ 60,000

PROJECT DESCRIPTION:

The Town began installing bus shelters with concrete pads at bus stops in Town in 2012, and has continued to add them each year since. Installation of 7 more in 2015 will finish the remaining locations.



ANNUAL OPERATING BUDGET IMPACT

\$ 3,600

Vehicle Replacement

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 33,000 Governmental Capital

BUDGET BY YEAR

2015	\$ -
2016	33,000
2017	-
2018	-
2019	-
Total Cost	\$ 33,000

\$ 33,000 **Total Cost**

PROJECT DESCRIPTION:

2016 - Replacement of staff vehicle.

ANNUAL OPERATING BUDGET IMPACT

\$ -

Monument Signs

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Governmental Capital

BUDGET BY YEAR

2015	\$ -
2016	15,000
2017	-
2018	-
2019	-

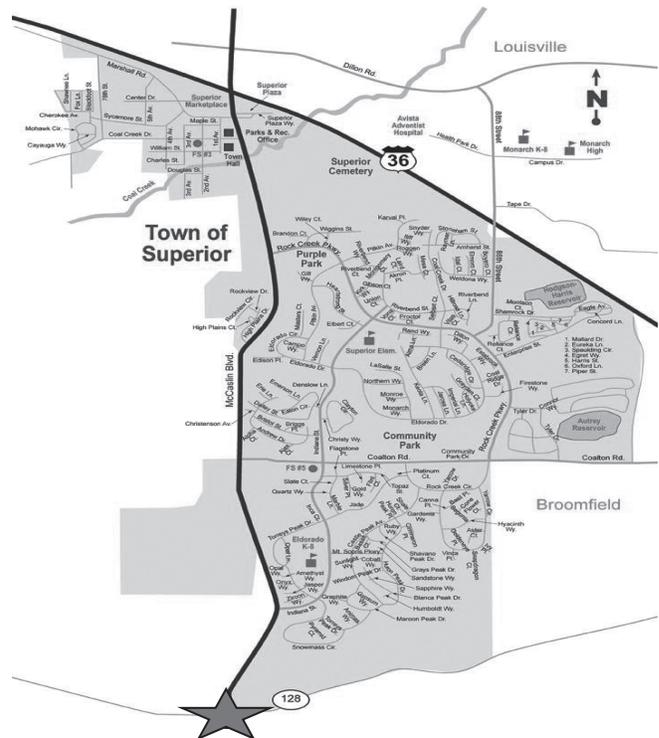
Total Cost
\$ 15,000

Total Cost \$ 15,000

PROJECT DESCRIPTION:

The Town will install monument signs with the Town's logo at the entrances to the Town of Superior.

2016- Entrance at S.H. 128 and McCaslin Blvd.



ANNUAL OPERATING BUDGET IMPACT

\$ 500 Maintenance

**2015 - 2019 Superior Metropolitan District No. 1
Water Capital Improvement Program Budget Revenue (50)**

Acct #	Revenues	2015 Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget
36-6100	Interest Income	\$47,000	\$63,000	\$89,000	\$8,000	\$6,000
36-6341	Water System Development Fees	720,000	1,092,000	735,000	525,000	-
36-6344	Irrigation Tap Fees	18,000	-	-	-	-
36-6348	Effluent Water Leases	10,000	10,000	10,000	10,000	10,000
36-6953	Transfer from Operations Service Fees	186,250	122,000	35,000	255,000	90,000
36-6710	Windy Gap Financing	-	-	5,700,000	-	-
	Use of / (Addition to) Net Assets	1,094,808	(561,919)	8,219,380	289,000	441,000
		\$2,076,058	\$725,081	\$14,788,380	\$1,087,000	\$547,000

**2015 - 2019 Superior Metropolitan District No. 1
Water Capital Improvement Program Budget Expense (50-499)**

Acct #	Expenses	2015 Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget
6043	Water Tank Fence Improvements	\$40,000	\$-	\$-	\$-	\$-
6135	Reuse System Upgrades	450,000	-	-	-	-
6151	Automated Decant System @ WTP Backwash Water Pond	35,000	-	-	-	-
6152	WTP Clarifloculators Motor Actuated Valves	15,000	-	-	-	-
6153	WTP Fluoride Liquid System	25,000	-	-	-	-
6154	WTP Caustic Soda System	20,000	-	-	-	-
6155	Water System Controls	40,000	25,000	35,000	-	-
6300	Vehicle Replacement	11,250	9,000	-	-	35,000
6490	Purple Park Ditch Improvements	100,000	-	-	-	-
6740	Potable Interconnect	484,500	-	-	-	-
6780	Windy Gap FIRMING	755,308	603,081	14,715,880	-	-
6950	NCWCD Pump Improvements	100,000	-	-	-	-
6271	FRICO Pipeline Maintenance	-	23,000	-	-	-
6880	Water Storage Tank Cleaning	-	25,000	-	-	-
	Sonic Solutions for Algae control @ Terminal and Pond 5	-	40,000	-	-	-
6421	Building-PW/Parks Maint & Oper.	-	-	37,500	375,000	-
3340	Filter Media Replacement	-	-	-	55,000	55,000
6061	Irrigation Storage Tank Floating Cover Replace	-	-	-	200,000	-
6781	Windy Gap Loan Repayment	-	-	-	457,000	457,000
		\$2,076,058	\$725,081	\$14,788,380	\$1,087,000	\$547,000

Water Tank Fence Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 40,000 Water Capital

BUDGET BY YEAR

2015 \$ 40,000

2016 -

2017 -

2018 -

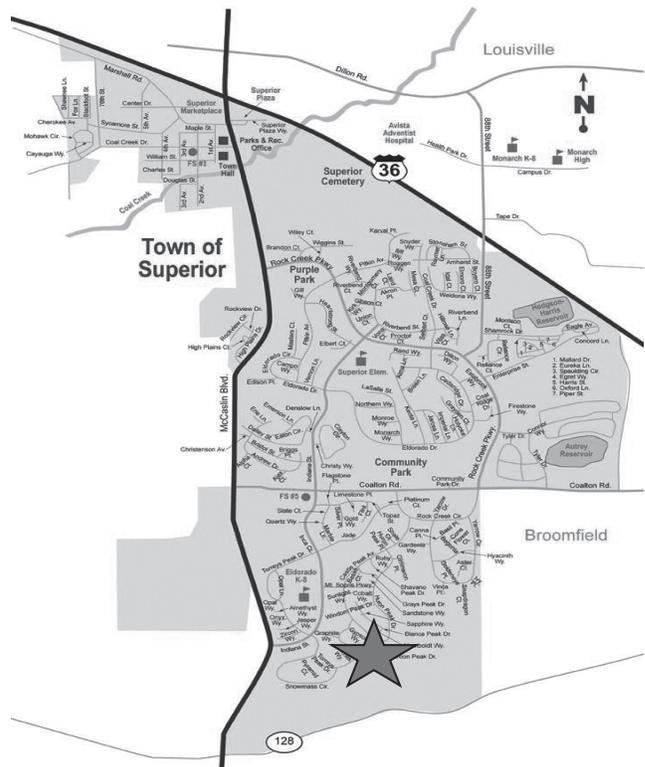
2019 -

\$ 40,000 **Total Cost**

Total Cost \$ 40,000

PROJECT DESCRIPTION

This project provides for demolition of the existing fence and the design and construction of a new fence around the 1.4 million gallon (MG) covered irrigation system storage tank. It is proposed to install a new heavy duty fence to withstand future damage due to wind and vandalism as well as improved security. Estimate is for 800 feet of 8 foot high hurricane fence, vinyl coated at \$45/ft. (\$36,000) plus \$4,000 for removing and disposing of existing fence.



ANNUAL OPERATING BUDGET IMPACT

\$ (2,000)

Reuse System Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 450,000 Water Capital

BUDGET BY YEAR

2015 \$ 450,000

2016 -

2017 -

2018 -

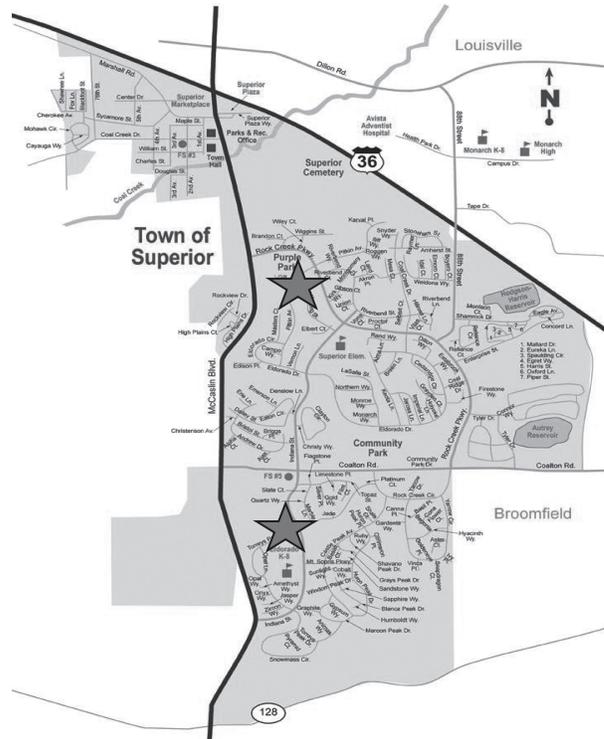
2019 -

\$ 450,000 **Total Cost**

Total Cost \$ 450,000

PROJECT DESCRIPTION

The project scope includes installing system wide pressure modifications for the irrigation system based on the outcome of the Reuse/Irrigation Master Plan. Upgrades include (1) upsizing the three High Zone pumps in the Pond #5 pump station and (2) replacing both of pumps in the Mica Court pump station. Other upgrades will require upsizing some of the irrigation mainlines to 16" diameter as required due to the Superior Town Center growth.



ANNUAL OPERATING BUDGET IMPACT

\$ 4,000

Automated Decant System @ WTP Backwash Water Pond

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 35,000 Water Capital

\$ 35,000 **Total Cost**

BUDGET BY YEAR

2015 \$ 35,000

2016 -

2017 -

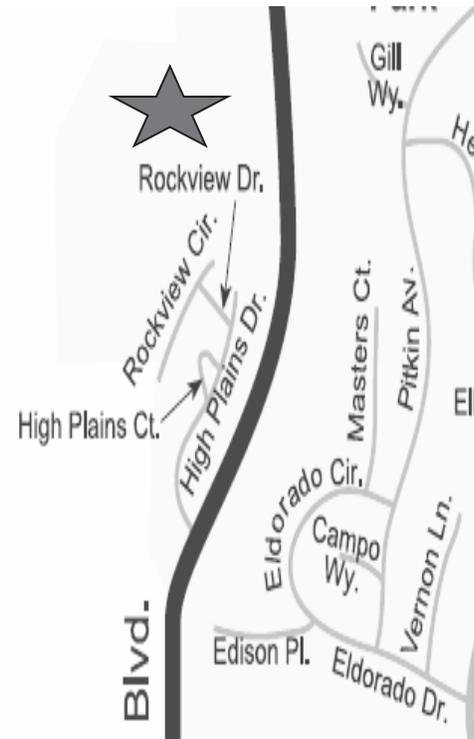
2018 -

2019 -

Total Cost \$ 35,000

PROJECT DESCRIPTION

This project will provide for an automated decanting system to dewater the backwash pond. The current system is manual and the pump is not reliable. Decanting the surface water thickens the solids in the pond for efficient removal.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Clarifloculator Motor Actuated Valves

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Water Capital

\$ 15,000 **Total Cost**

BUDGET BY YEAR

2015 \$ 15,000

2016 -

2017 -

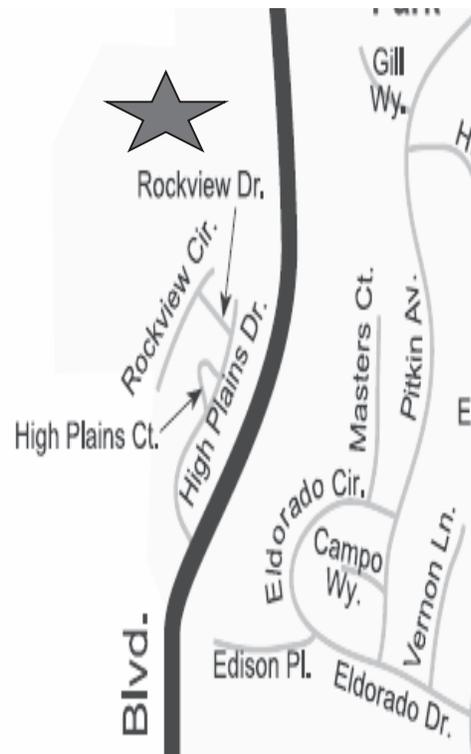
2018 -

2019 -

Total Cost \$ 15,000

PROJECT DESCRIPTION

New motor operated valves for the Water Treatment Plant clarifloculators. This will enable the valves to be controlled and monitored on the SCADA system (the Town's communication system for remote equipment).



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Fluoride Liquid System

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Water Capital

\$ 25,000 **Total Cost**

BUDGET BY YEAR

2015 \$ 25,000

2016 -

2017 -

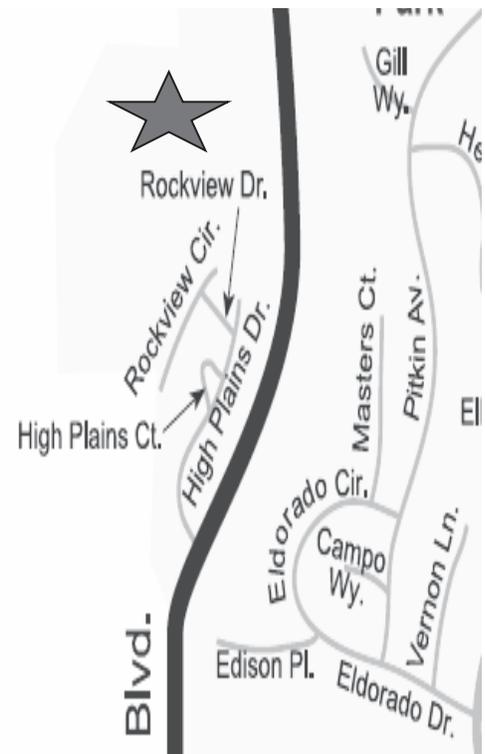
2018 -

2019 -

Total Cost \$ 25,000

PROJECT DESCRIPTION

This project will replace the current process of bringing in powdered fluoride and mixing it with water to inject into the finished water. Fluoride, in its raw form, is one of the most dangerous chemicals to handle. Deleting the mixing process streamlines the dosing process and is less harmful to the plant operators since handling of the chemical will be minimal.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Caustic Soda System

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 20,000 Water Capital

\$ 20,000 **Total Cost**

BUDGET BY YEAR

2015 \$ 20,000

2016 -

2017 -

2018 -

2019 -

Total Cost \$ 20,000

PROJECT DESCRIPTION

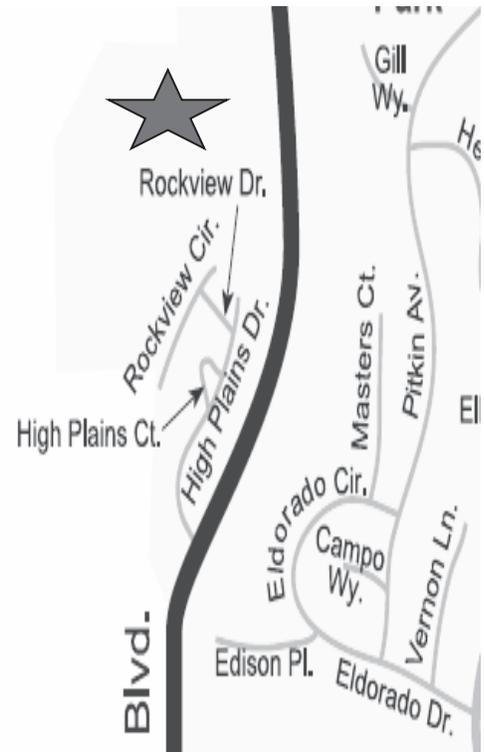
New dosing equipment for Sodium Hydroxide. Will also switch to a liquid form of this chemical, which is more efficient.

The Water plant is currently using a powdered soda ash which is mixed with water.

The new equipment and chemical will help to balance pH levels to prevent downstream corrosion and aids the coagulation process for solids removal.

ANNUAL OPERATING BUDGET IMPACT

\$ -



Water System Controls Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 40,000 Water Capital

BUDGET BY YEAR

2015 \$ 40,000

2016 25,000

2017 35,000

2018 -

2019 -

\$ 40,000 **Total Cost**

Total Cost \$ 100,000

PROJECT DESCRIPTION

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

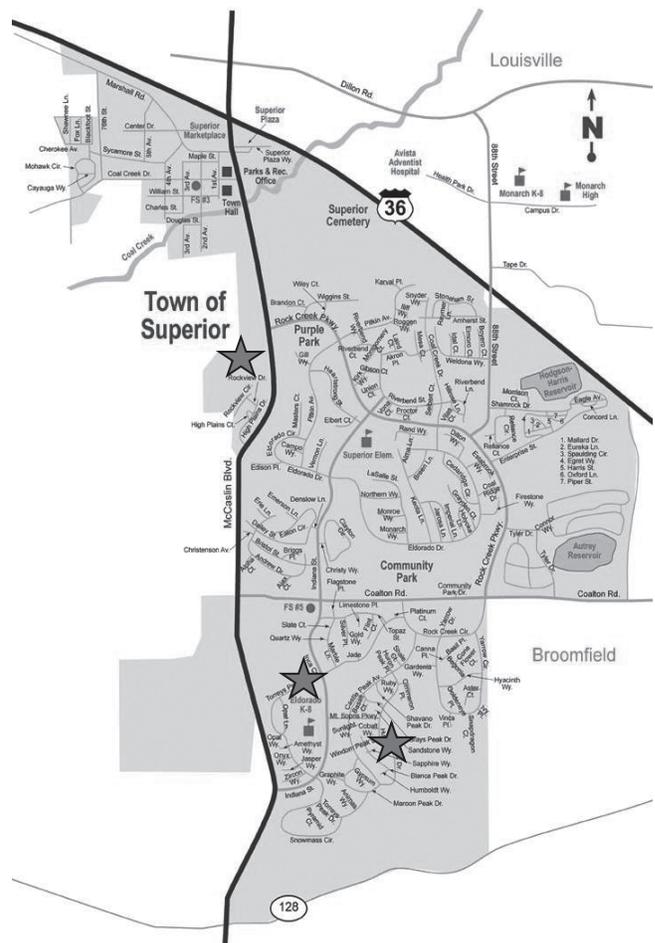
2015 - Rewrite Mica pump station programmable logic controls (PLC) (\$10,000); Replace Mica PLC (\$25,000); Add Mica PLC to SCADA (the Town's communication system for remote equipment) (\$5,000).

2016 - Replace high zone pump station PLC (\$25,000).

2017 - Rewrite high zone PLC (\$5,000); Replace high zone PLC (\$25,000); Add high zone PLC to SCADA (\$5,000)

ANNUAL OPERATING BUDGET IMPACT

\$ -



Purple Park Ditch Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 100,000 Water Capital

BUDGET BY YEAR

2015 \$ 100,000

2016 -

2017 -

2018 -

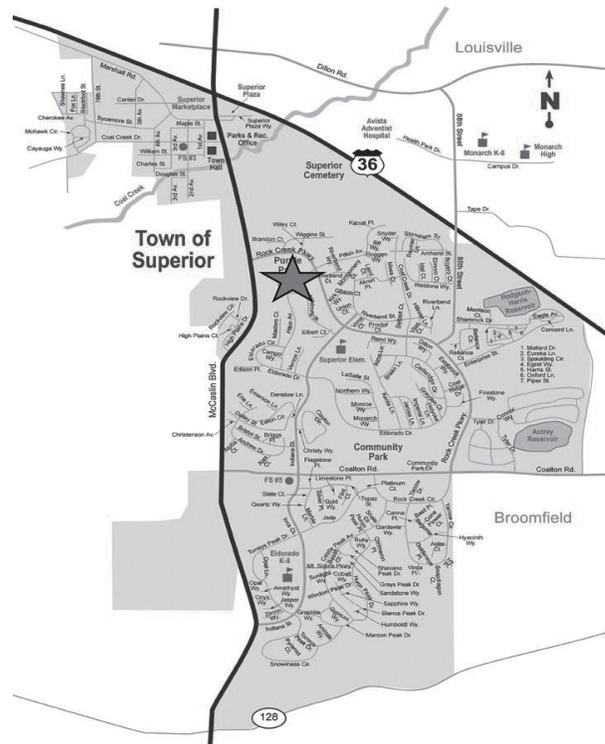
2019 -

\$ 100,000 **Total Cost**

Total Cost \$ 100,000

PROJECT DESCRIPTION

This project repairs the ditch that provides water between the ponds in Purple Park. The existing ditch is constructed of rip rap (or large rocks). It appears that the rip rap bedding (typically sand and gravel) is being undermined by the flow of the ditch causing water to disappear beneath the rip rap and resurface about 100 feet downstream in two locations along the ditch. The repair may involve grout fill; installing a pipe instead of rip rap or a combination of both.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Potable Interconnect

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 484,500 Water Capital

BUDGET BY YEAR

2015 \$ 484,500

2016 -

2017 -

2018 -

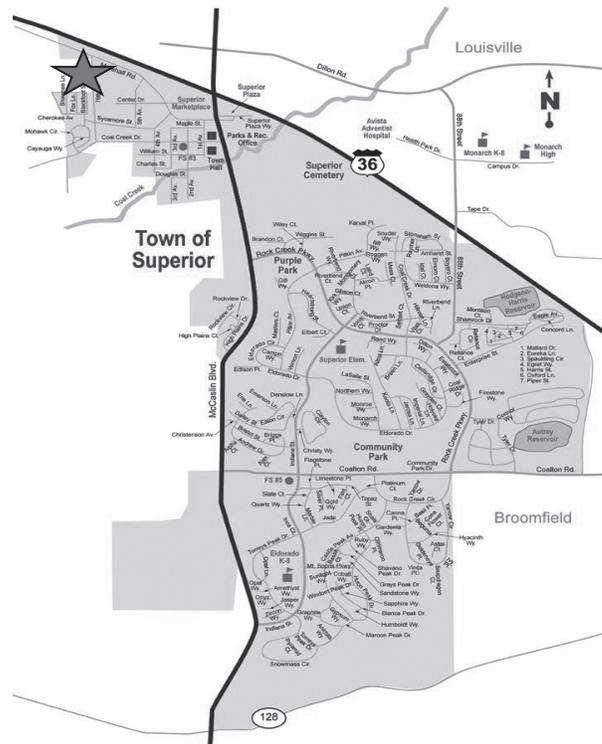
2019 -

\$ 484,500 Total Cost

Total Cost \$ 484,500

PROJECT DESCRIPTION

This project provides for access to potable water for the Town of Superior and City of Louisville in the event of a major potable system failure. The budget reflects 50% of the total construction cost. The City of Louisville would pay the remaining 50%.



ANNUAL OPERATING BUDGET IMPACT

\$ 1,000

Windy Gap Firming

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 755,308 Water Capital

BUDGET BY YEAR

2015 \$ 755,308

2016 603,081

2017 14,715,880

2018 -

2019 -

\$ 755,308 **Total Cost**

Total Cost \$ 16,074,269

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 was proposed to store Windy Gap water to ensure reliable future deliveries. The project will provide 4,500 ac-ft. of storage dedicated to the Town.

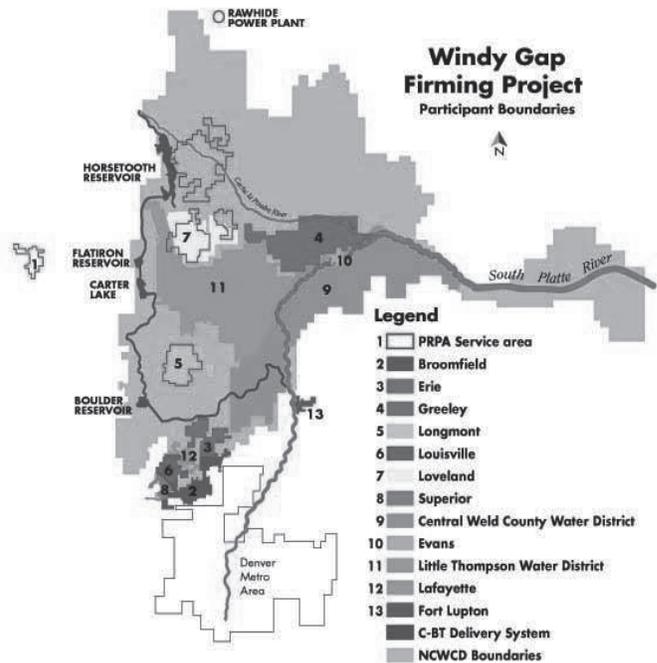
2015 - \$522,163 for Design and \$233,145 for Mitigation.

2016 - \$256,666 for Design and \$346,415 for Mitigation

2017 - Construction.

ANNUAL OPERATING BUDGET IMPACT

\$ 96,000 Beginning in 2018



NCWCD Pump Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 100,000 Water Capital

BUDGET BY YEAR

2015 \$ 100,000

2016 -

2017 -

2018 -

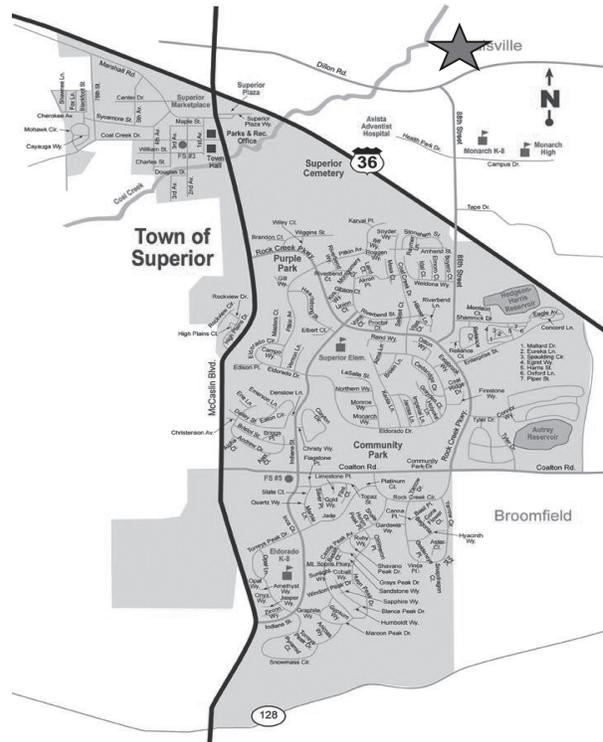
2019 -

Total Cost
\$ 100,000

Total Cost \$ 100,000

PROJECT DESCRIPTION

Replacement of variable frequency drives (VFDs) on each of 3 pumps at the Northern Colorado Water Conservancy District (NCWCD), Superior/Louisville Pump Station. Existing drives are at life span and outdated. New VFDs increase the system output so Louisville and Superior can run at capacity at same time. Currently we are forced to "take turns".



ANNUAL OPERATING BUDGET IMPACT

\$ -

FRICO Pipeline Maintenance

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 23,000 Water Capital

BUDGET BY YEAR

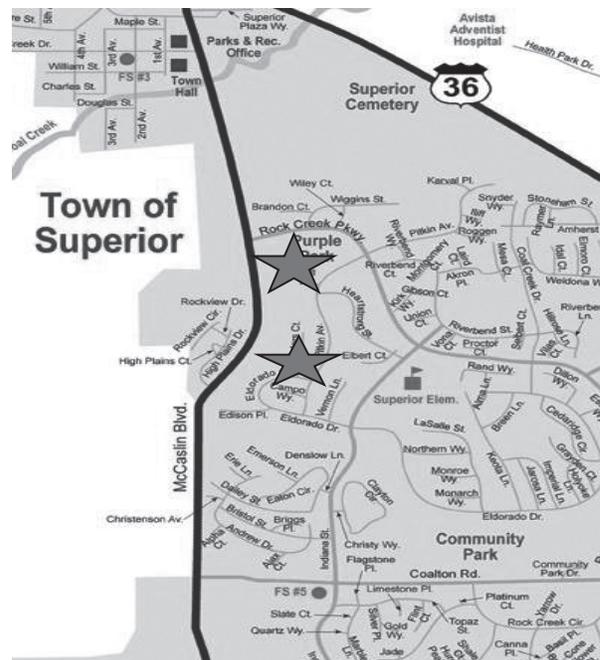
2015	\$ -
2016	23,000
2017	-
2018	-
2019	-

Total Cost
\$ 23,000

Total Cost \$ 23,000

PROJECT DESCRIPTION

Scope includes grout injection to mitigate leaking joints in the Community Ditch pipeline as identified in the Farms Reservoir and Irrigation Company (FRICO) ditch report.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Water Storage Tank Cleaning

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Water Capital

BUDGET BY YEAR

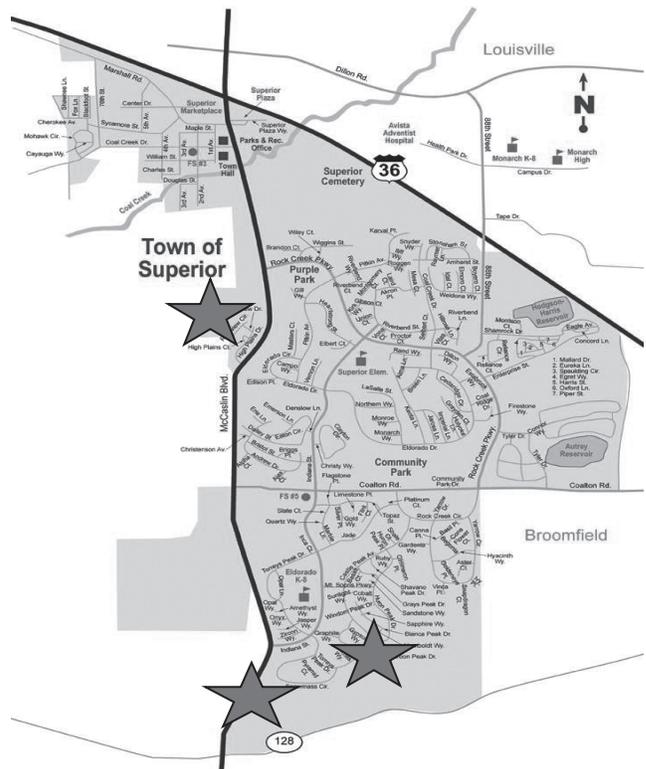
2015	\$ -
2016	25,000
2017	-
2018	-
2019	-

\$ 25,000 Total Cost

Total Cost \$ 25,000

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.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Sonic Solutions for Algae control @ Terminal and Pond 5

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 40,000 Water Capital

BUDGET BY YEAR

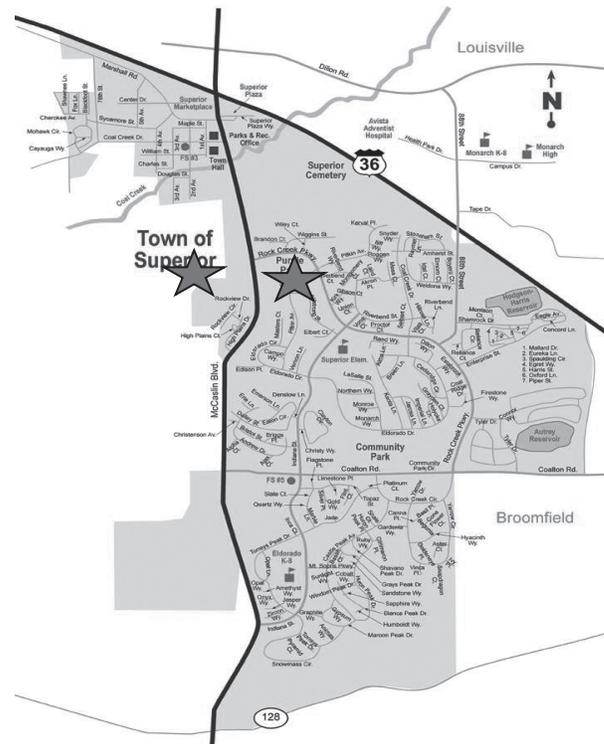
2015	\$ -
2016	40,000
2017	-
2018	-
2019	-

Total Cost
\$ 40,000

Total Cost \$ 40,000

PROJECT DESCRIPTION

This project installs sonic devices (in lieu of chemicals) at Terminal Reservoir (Water Treatment Plant) and Pond 5 (Purple Park) to prevent algae growth. Algae contributes to odor and taste problems and can be difficult to remove once in the distribution system whether in the irrigation or potable water.



ANNUAL OPERATING BUDGET IMPACT

\$ 1,000

Filter Media Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 55,000 Water Capital

\$ 55,000 **Total Cost**

BUDGET BY YEAR

2015	\$ -
2016	-
2017	-
2018	55,000
2019	55,000
Total Cost	\$ 110,000

PROJECT DESCRIPTION

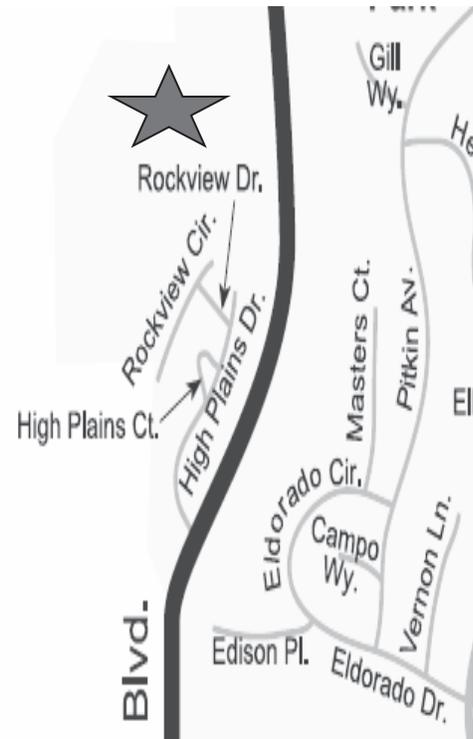
This project will provide for replacement of filter media in the finished potable water filters at the Water Treatment Plant. The project will also include sandblasting and repainting of the internal piping and troughs.

2018 - Replace media in Filter 4 per the recommended 5-7 year replacement schedule. Last time done was in 2011.

2019 - Replace media in Filter 2. Last time done was in 2013.

ANNUAL OPERATING BUDGET IMPACT

\$ -



Irrigation Storage Tank Floating Cover Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 200,000 Water Capital

BUDGET BY YEAR

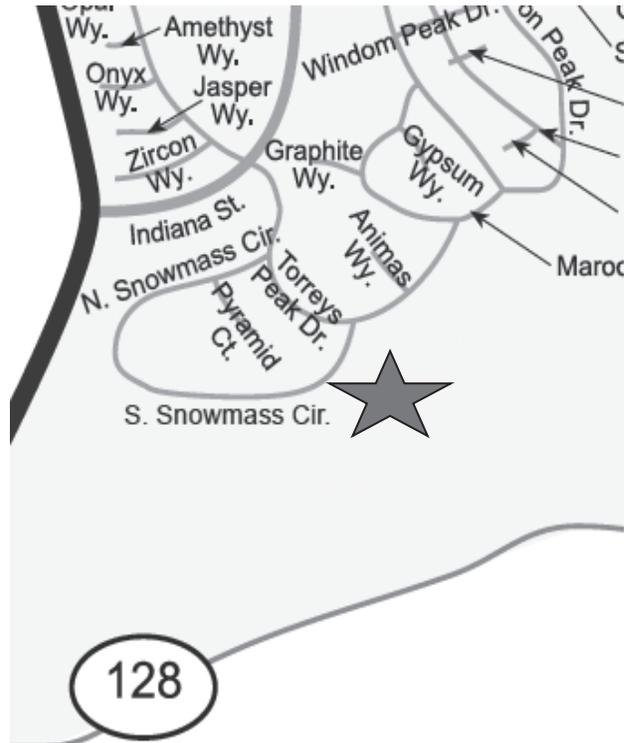
2015	\$ -
2016	-
2017	-
2018	200,000
2019	-

\$ 200,000 **Total Cost**

Total Cost \$ 200,000

PROJECT DESCRIPTION

This project provides for replacement of the existing floating cover on the reuse system storage tank. The existing cover is aging and approaching the end of its lifecycle. The cover has been slated for replacement for years. As an alternative, staff will evaluate whether the existing soil and plant growth on the cover and be removed without damage to the structure.



ANNUAL OPERATING BUDGET IMPACT

\$ -

**2015 - 2019 Superior Metropolitan District No. 1
Waste Water Capital Improvement Program Budget Revenue (51)**

Acct #	Revenues	2015 Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget
36-6100	Interest Income	\$5,000	\$10,000	\$15,000	\$21,000	\$18,000
36-6341	Waste Water System Development Fees	301,000	225,000	150,000	108,000	-
36-6953	Transfer from Operation User Fees	271,750	837,400	375,000	325,000	121,000
	Use of / (Addition to) Net Assets	(264,000)	(235,000)	(287,500)	486,000	(18,000)
		\$313,750	\$837,400	\$252,500	\$940,000	\$121,000

**2015 – 2019 Superior Metropolitan District No. 1
Waste Water Capital Improvement Program Budget Expense (51-499)**

Acct #	Expenses	2015 Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget
6081	Town Wide Collection System Video Assessment	\$32,000	\$32,000	\$-	\$-	\$-
6234	WWTP Submersible Mixers (2) for Aeration Basins	28,000	-	-	-	-
6273	WWTP PLC Replacement	30,000	30,000	-	-	-
6279	WWTP Process Pump Maintenance	55,000	-	-	-	-
6282	WWTP Equalization Pond Liner Repair	50,000	750,000	-	-	-
6283	WWTP Process Equipment Repair	65,000	-	-	-	-
6292	Coal Creek 8" Sanitary Sewer Extension	42,000	-	-	-	-
6293	WWTP Jar Tester	5,000	-	-	-	-
6300	Vehicle Replacement	6,750	5,400	-	200,000	21,000
6235	WWTP Site Improvements (Drainage)	-	20,000	130,000	-	-
6236	WWTP Miscellaneous Improvements	-	-	100,000	100,000	100,000
6421	Building-PW/Parks Maint. & Oper.	-	-	22,500	225,000	-
	WWTP Aeration Basin Expansions and Modifications	-	-	-	415,000	-
		\$313,750	\$837,400	\$252,500	\$940,000	\$121,000

Town Wide Sewer Collection System Video Assessment

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 32,000 Sewer Capital

BUDGET BY YEAR

2015 \$ 32,000

2016 32,000

2017 -

2018 -

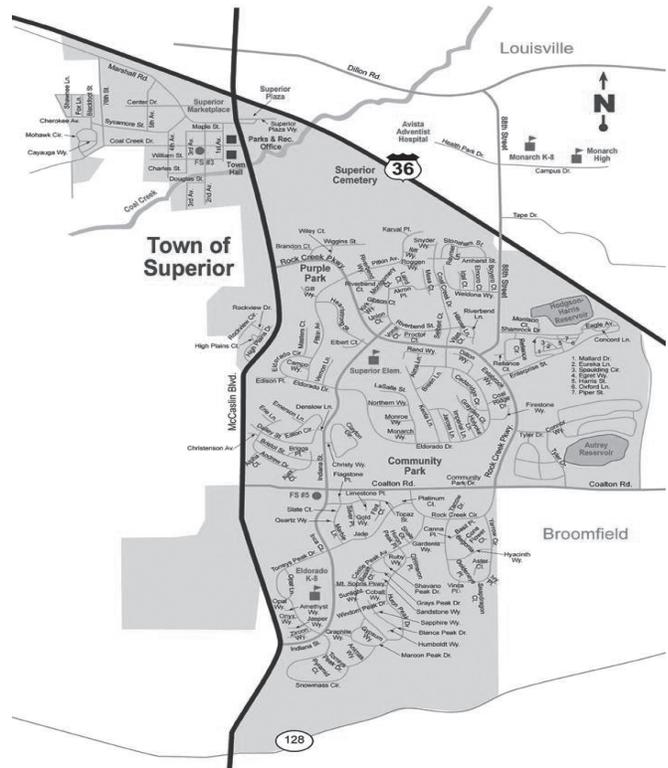
2019 -

Total Cost
\$ 32,000

Total Cost
\$ 64,000

PROJECT DESCRIPTION

This project provides for video assessment of the existing sewer collection system to identify conditions of mainline pipe and service connections. Previous video records are from 2001. 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 with the entire system to complete by 2016.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Submersible Mixers (2) for Aeration Basins

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 28,000 Sewer Capital

BUDGET BY YEAR

2015 \$ 28,000

2016 -

2017 -

2018 -

2019 -

\$ 28,000 **Total Cost**

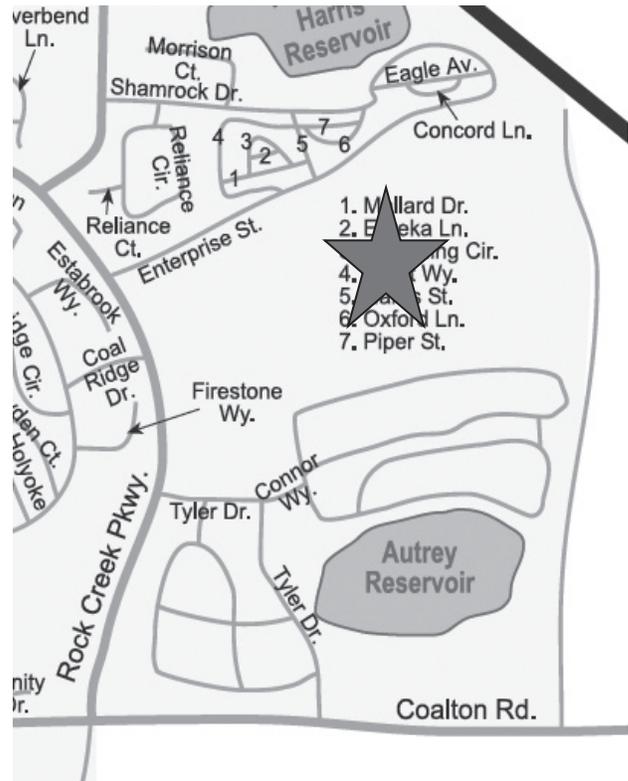
Total Cost \$ 28,000

PROJECT DESCRIPTION

Purchase of submersible mixers for the aeration basins at the Waste Water Treatment Plant (WWTP). Submersible mixers provide for increased denitrification capability. Currently have surface mixers which do not mix as thoroughly.

ANNUAL OPERATING BUDGET IMPACT

\$ -



WWTP PLC Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 30,000 Sewer Capital

BUDGET BY YEAR

2015 \$ 30,000

2016 30,000

2017

2018 -

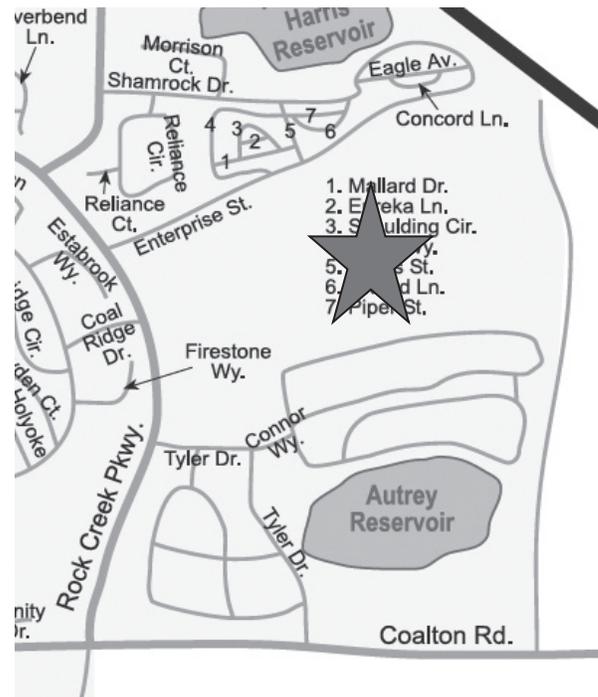
2019 -

\$ 30,000 **Total Cost**

Total Cost \$ 60,000

PROJECT DESCRIPTION

This project provides for replacement of obsolete programmable logic controllers (PLC) at the Waste Water Treatment Plant (WWTP). Parts are becoming hard to find or non-existent for the existing PLC's.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Process Pump Maintenance

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 55,000 Sewer Capital

BUDGET BY YEAR

2015 \$ 55,000

2016 -

2017 -

2018 -

2019 -

\$ 55,000 **Total Cost**

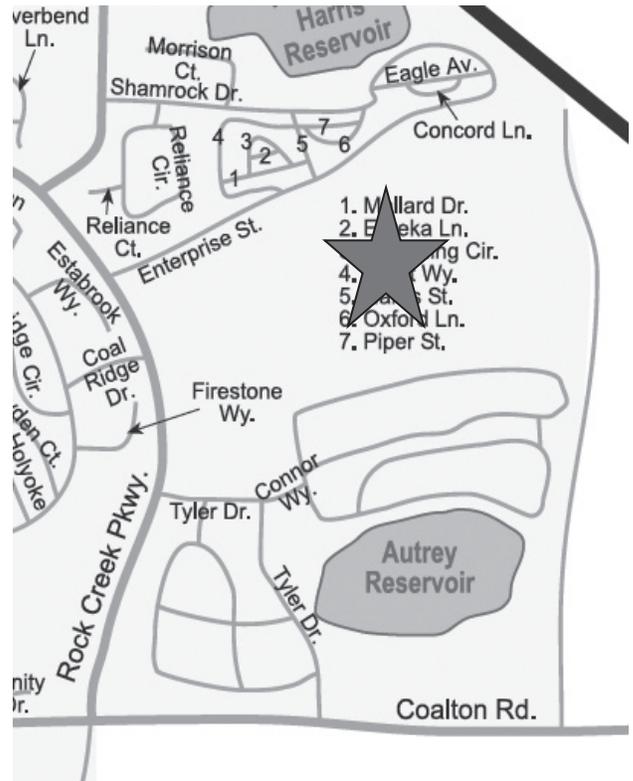
Total Cost \$ 55,000

PROJECT DESCRIPTION

Replace the return activated sludge pumps, motors, variable frequency drives and flowmeters at the Waste Water Treatment Plant (WWTP)

ANNUAL OPERATING BUDGET IMPACT

\$ -



WWTP Equalization Pond Liner Repair

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Sewer Capital

BUDGET BY YEAR

2015 \$ 50,000

2016 750,000

2017 -

2018 -

2019 -

\$ 50,000 **Total Cost**

Total Cost \$ 800,000

PROJECT DESCRIPTION

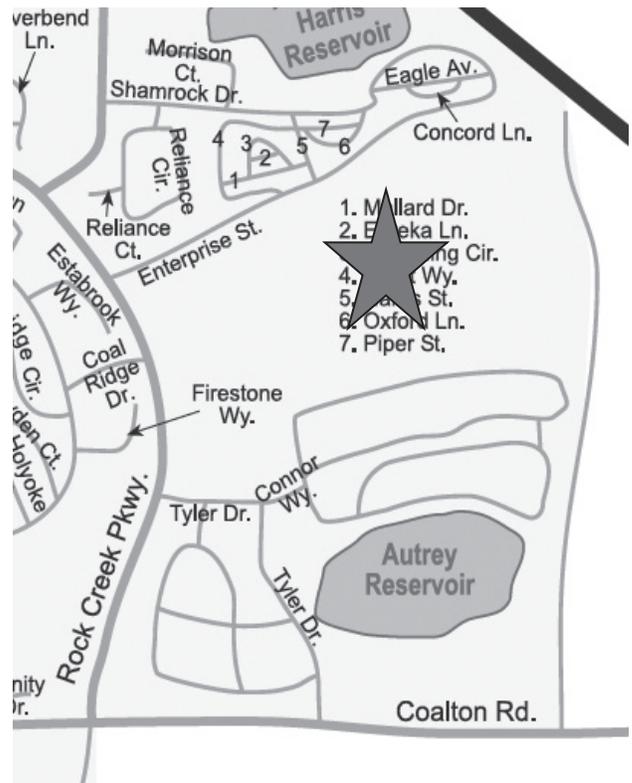
Replacement/repair of an equalization pond liner at the Waste Water Treatment Plant (WWTP). Dredge, reline, cover, and potentially use for future reuse water storage.

2015 - Design

2016 - Construction

ANNUAL OPERATING BUDGET IMPACT

\$ -



WWTP Process Equipment Repair

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 65,000 Sewer Capital

BUDGET BY YEAR

2015 \$ 65,000

2016 -

2017 -

2018 -

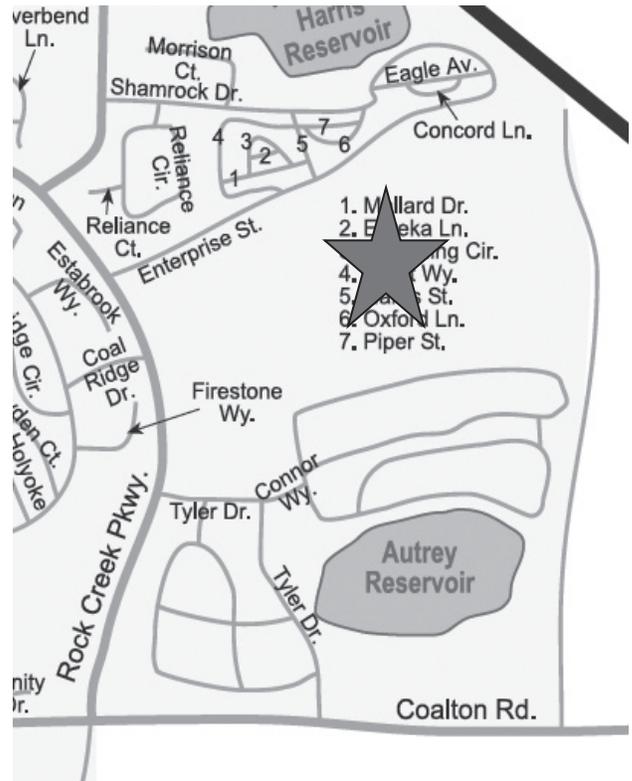
2019 -

\$ 65,000 **Total Cost**

Total Cost \$ 65,000

PROJECT DESCRIPTION

Pneumatic actuators at the Waste Water Treatment Plant (WWTP) are currently running off of an air compressor which overheats and occasionally fails. Recommendation to replace the pneumatic actuated valves with electrically actuated motors.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Coal Creek 8" Sanitary Sewer Extension

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 42,000 Sewer Capital

BUDGET BY YEAR

2015 \$ 42,000

2016

2017 -

2018 -

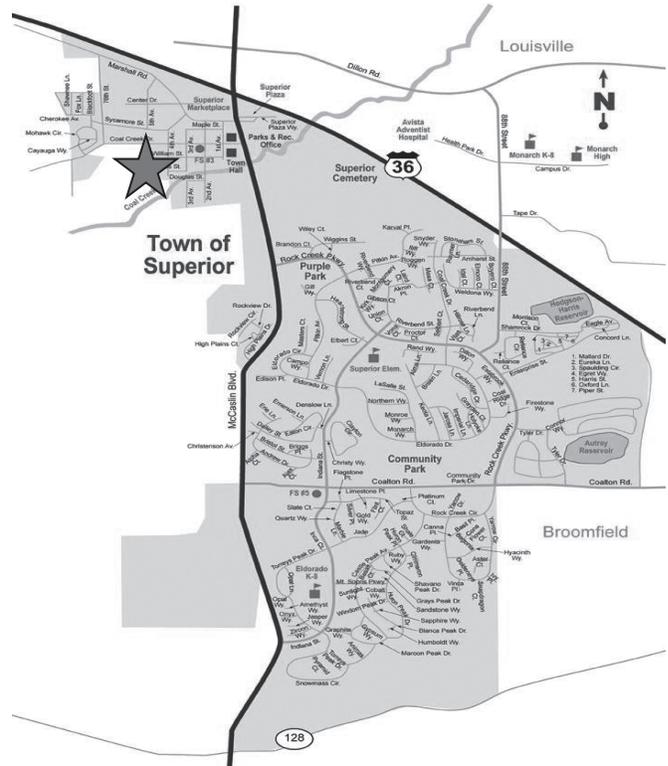
2019 -

Total Cost
\$ 42,000

Total Cost \$ 42,000

PROJECT DESCRIPTION

Extend the 8" sanitary sewer line from the Coal Creek Crossing development to the south for future use. Remington homes will add into their contract and the Town will reimburse. This line extension will insure that all property within Town has the ability to connect to the sanitary sewer system.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Jar Tester

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 5,000 Sewer Capital

BUDGET BY YEAR

2015 \$ 5,000

2016 -

2017 -

2018 -

2019 -

\$ 5,000 **Total Cost**

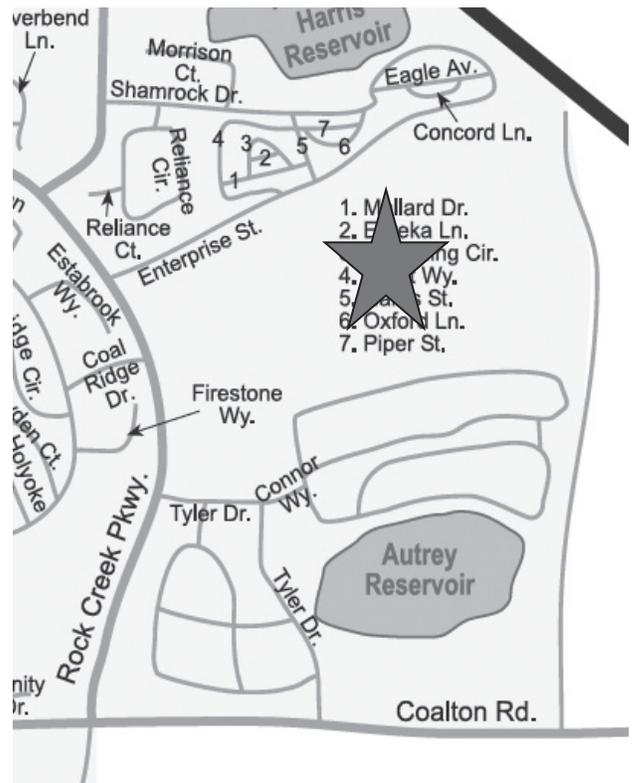
Total Cost \$ 5,000

PROJECT DESCRIPTION

Jar Testers are used to provide a way to accurately gage the amount of chemicals required for the treatment process, predominantly in the secondary process. The Water Treatment Plant and Waste Water Treatment Plant (WWTP) currently share a jar tester. One tester is needed at each location.

ANNUAL OPERATING BUDGET IMPACT

\$ -



WWTP Site Drainage Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 20,000 Sewer Capital

BUDGET BY YEAR

2015	\$ -
2016	20,000
2017	130,000
2018	
2019	-

\$ 20,000 **Total Cost**

Total Cost \$ 150,000

PROJECT DESCRIPTION

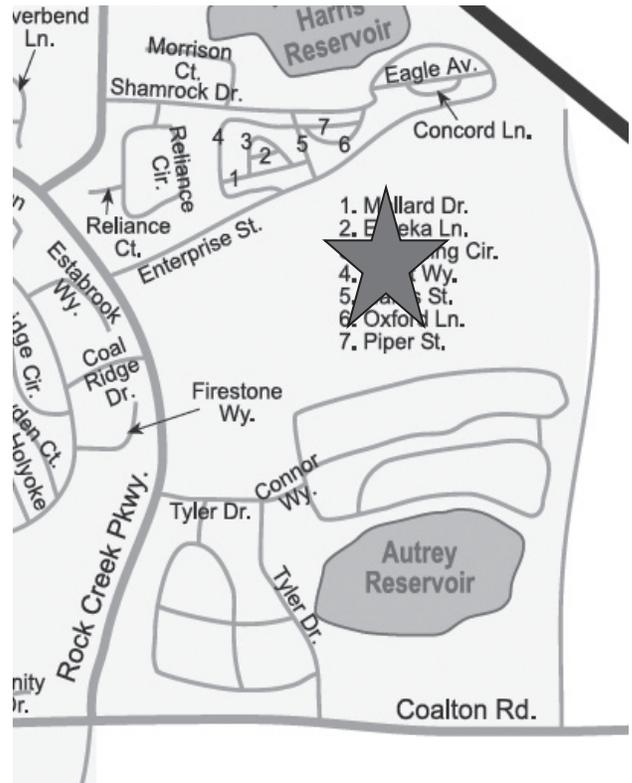
This project will address a long standing issue at the Waste Water Treatment Plant (WWTP) of poor drainage/standing water from the entrance gate to the sludge docking bay, through the parking lot and out to the holding ponds and eventually to Rock Creek.

2016 - Design

2017 - Construction

ANNUAL OPERATING BUDGET IMPACT

\$ -



WWTP Miscellaneous Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 100,000 Sewer Capital

BUDGET BY YEAR

2015	\$ -
2016	-
2017	100,000
2018	100,000
2019	100,000
Total Cost	\$ 300,000

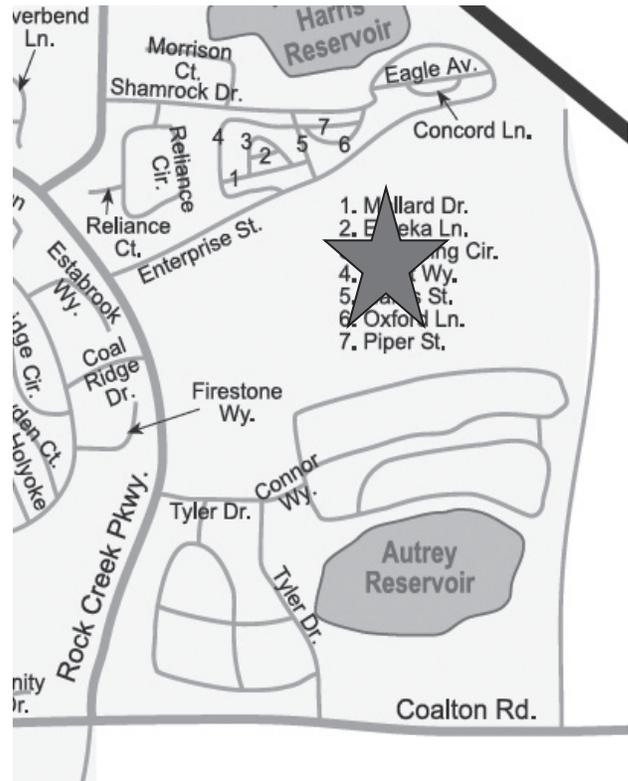
\$ 100,000 **Total Cost**

PROJECT DESCRIPTION

This project is intended to provide a reserve for yet to be identified capital improvements at the Waste Water 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

TBD



WWTP Aeration Basin Expansions and Modifications

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 415,000 Sewer Capital

BUDGET BY YEAR

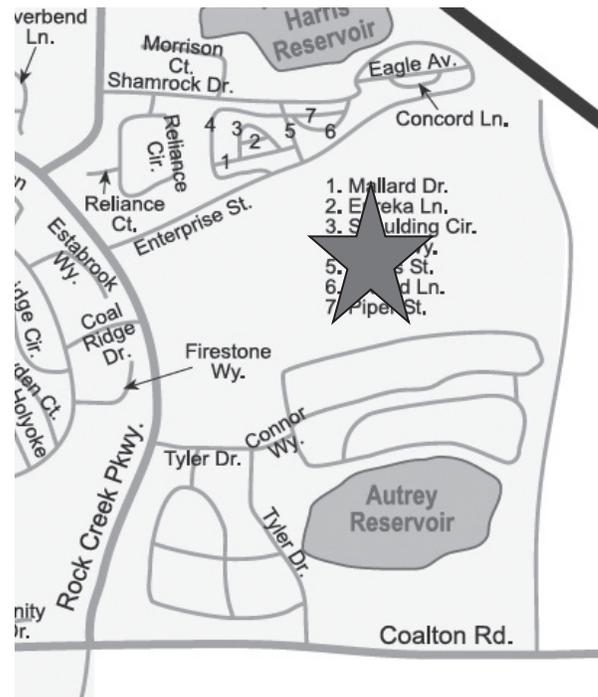
2015	\$ -
2016	-
2017	-
2018	415,000
2019	-

Total Cost
\$ 415,000

Total Cost \$ 415,000

PROJECT DESCRIPTION

Preliminary design of new aeration basins and two new secondary clarifiers. This design improvement also provides compliance towards Regulatory 85 nutrient removal by adding the ability to denitrify the waste. Final design scheduled for 2020, with construction anticipated to begin in 2021.



ANNUAL OPERATING BUDGET IMPACT

\$ -

**2015 - 2019 Superior Metropolitan District No. 1
Storm Water Capital Improvement Program Budget Revenue (52)**

Acct #	Revenues	2015 Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget
36-6100	Interest Income	\$3,000	\$1,000	\$2,000	\$5,000	\$5,000
36-6341	Storm Water System Development Fees	125,000	107,000	94,000	67,000	-
36-6953	Transfer from Operation User Fees	4,500	83,600	101,500	74,500	86,500
	Use of / (Addition to) Net Assets	384,500	(108,000)	(142,500)	3,500	(77,500)
		\$517,000	\$83,600	\$55,000	\$150,000	\$14,000

**2015 - 2019 Superior Metropolitan District No. 1
Storm Water Capital Improvement Program Budget Expense (52-499)**

Acct #	Expenses	2015 Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget
6080	Coal Creek Basin Improvements (Including 2 nd Avenue Bridge)	\$512,500	\$-	\$-	\$-	\$-
6300	Vehicle Replacement	4,500	3,600	-	-	14,000
	Circle Park Drainage Enhancements	-	80,000	-	-	-
6082	Storm Water Manhole Steps Installation	-	-	40,000	-	-
6421	Building-PW/Parks Maint & Oper.	-	-	15,000	150,000	-
		\$517,000	\$83,600	\$55,000	\$150,000	\$14,000

Coal Creek Flood Mitigation Improvements, including 2nd Ave. Bridge

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 512,500 Storm Capital

BUDGET BY YEAR

2015 \$ 512,500

2016 -

2017 -

2018 -

2019 -

\$ 512,500 **Total Cost**

Total Cost \$ 512,500

PROJECT DESCRIPTION

Urban Drainage and Flood Control District (UDFCD) and the Town undertook a joint project to minimize floodplain impacts to properties adjacent to Coal Creek upstream of McCaslin Boulevard, including replacing the 2nd Avenue bridge and channel improvements.

2015 - The first phase will include preliminary design for all improvements and final design & construction of the 2nd Avenue bridge. UDFCD has programmed \$675,000 (\$162,500 in 2014 and \$512,500) to match the Town's \$675,000 contribution (\$162,500 in 2014 and \$512,500 in 2015) for a total project budget of \$1,350,000.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Circle Park Drainage Enhancement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 80,000 Storm Capital

BUDGET BY YEAR

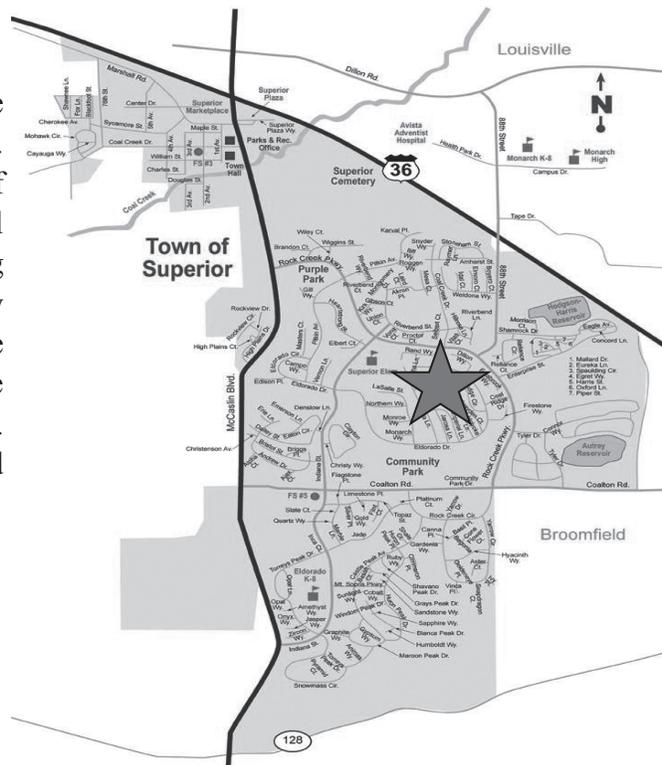
2015	\$	-
2016		80,000
2017		-
2018		-
2019		-

Total Cost
\$ 80,000

Total Cost \$ 80,000

PROJECT DESCRIPTION

This project provides improvements to the drainage for the areas downstream of the Circle Park area. There has historically been a significant amount of rain and irrigation runoff from the park area. Several of the houses south of the park experienced flooding from this area in the 2013 flood event. A new underdrain will be installed near the SE corner of the park along with a new drainage swale on the east side of the open space leading south from the park. Landscape and irrigation repairs will be required after installation of the drainage swale.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Storm Water Manhole Steps Installation

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 40,000 Storm Capital

BUDGET BY YEAR

2015 \$ -

2016 -

2017 40,000

2018 -

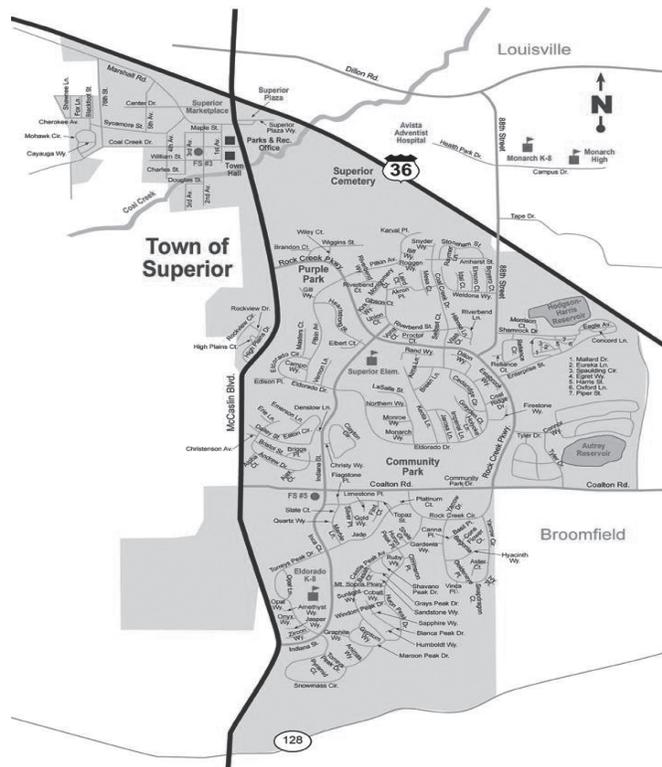
2019 -

Total Cost
\$ 40,000

Total Cost \$ 40,000

PROJECT DESCRIPTION

This project provides for installation of steps in approximately 30 storm water manholes. This is necessary in order to provide maintenance access to Town staff.



ANNUAL OPERATING BUDGET IMPACT

\$ -