

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 that 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 that 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 that 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 that 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.

2013 – 2017 Capital Improvement Program Budget Revenue (42)

Acct #	Revenues	2013 Budget	2014 Projected Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget
31-1300	Sales, Non SURA	\$172,000	\$175,000	\$177,000	\$181,000	\$185,000
31-1301	Sales, SURA	617,000	630,000	630,000	643,000	657,000
31-1310	Vehicle Use	67,500	67,500	67,500	67,500	67,500
31-1320	Building Use	7,500	15,000	15,000	20,000	20,000
36-6100	Interest Income	17,000	9,000	6,000	8,000	15,000
36-6210	Lease Revenue	32,000	-	-	-	-
36-6840	Park Fee - Remington Development	15,000	30,000	30,000	45,000	39,000
36-6841	School Impact Fee - Remington Development	66,224	-	-	-	-
36-6910	Transfer from General Fund	630,000	1,180,000	1,650,000	1,125,000	-
36-6340	Transportation Tax – BOCO	-	75,000	-	-	-
	Use of / (Addition to) Fund Balance	1,972,776	827,100	130,450	(433,700)	1,086,500
		\$3,597,000	\$3,008,600	\$2,705,950	\$1,655,800	\$2,070,000

2013 – 2017 Capital Improvement Program Fund Budget Expense (42)

Acct #	Expenses	2013 Budget	2014 Projected Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget
Public Works and Utilities (430)						
6591	McCaslin Blvd and High Plains Intersection/Trail Improvements	\$300,000	\$-	\$-	\$-	\$-
6592	McCaslin-Coalton Roundabout Trail Improvements	20,000	-	-	-	-
6603	Street Replacement	2,500,000	2,500,000	1,500,000	1,300,000	1,700,000
6640	McCaslin Blvd Slope Stability Improvements	80,000	-	-	-	-
6652	Town Wide Traffic Signal Health Index Assessment	15,000	-	-	-	-
6431	Facilities Master Plan	75,000	-	-	-	-
6241	McCaslin Bridge and Town Wide Light Pole Painting	20,000	-	-	-	-
6300	Vehicle Replacement	-	9,000	-	93,500	-
6242	Roadway and Street Design and Construction Standards	-	25,000	-	-	-
6243	Tri Annual Pavement Condition Index Update	-	25,000	-	-	25,000
6421	Building-PW/Parks Maint & Oper.	-	25,000	375,000	-	-
6593	White Raven Removal	-	-	-	-	50,000
		\$3,010,000	\$2,584,000	\$1,875,000	\$1,393,500	\$1,775,000

2013 – 2017 Capital Improvement Program Fund Budget Expense (42)

Acct #	Expenses	2013 Budget	2014 Projected Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget
Parks, Rec, Open Space (426)						
6360	Trail Improvements	\$200,000	\$87,000	\$156,000	\$58,900	\$79,000
6351	Community/Rec Center Feasibility Study	50,000	-	-	-	-
3480	Pool Repairs & Improvements	48,000	71,000	71,000	60,000	60,000
6290	Tree and Plant Enhancements	38,000	40,000	42,000	44,000	46,000
6341	Ballfield Improvements	14,000	14,000	14,000	14,000	14,000
6150	Tennis Court Resurfacing	55,000	-	-	-	20,000
6551	Community Park Netting/Fence Replacement	15,000	50,000	-	-	-
6291	Soil Conditioning and Gypsum Treatment	10,000	-	10,000	-	11,000
6300	Vehicle Replacement	-	9,600	7,950	5,400	-
6421	Building-PW/Parks Maint & Oper.	-	25,000	375,000	-	-
6520	Shrub Bed Renovation	-	50,000	50,000	-	-
6531	Drinking Fountain Replacement	-	5,000	7,500	-	-
		\$430,000	\$351,600	\$733,450	\$182,300	\$230,000

2013 – 2017 Capital Improvement Program Fund Budget Expense (42)

Acct #	Expenses	2013 Budget	2014 Projected Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget
Other (490)						
6010	Environmental “Green” Enhancements	\$75,000	\$50,000	\$50,000	\$50,000	\$50,000
6140	Board Room Cameras	25,000	-	-	-	-
6331	Bus Stop Shelters	22,000	23,000	7,500	-	-
6300	Vehicle Replacement, Purchase	35,000	-	25,000	-	-
6100	Server Replacement	-	-	15,000	15,000	15,000
6890	Monument Signage	-	-	-	15,000	-
		\$157,000	\$73,000	\$97,500	\$80,000	\$65,000
Total Capital Projects		\$3,597,000	\$3,008,600	\$2,705,950	\$1,655,800	\$2,070,000

McCaslin Blvd and High Plains Avenue Intersection/Trail Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 300,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 300,000

2014 -

2015 -

2016 -

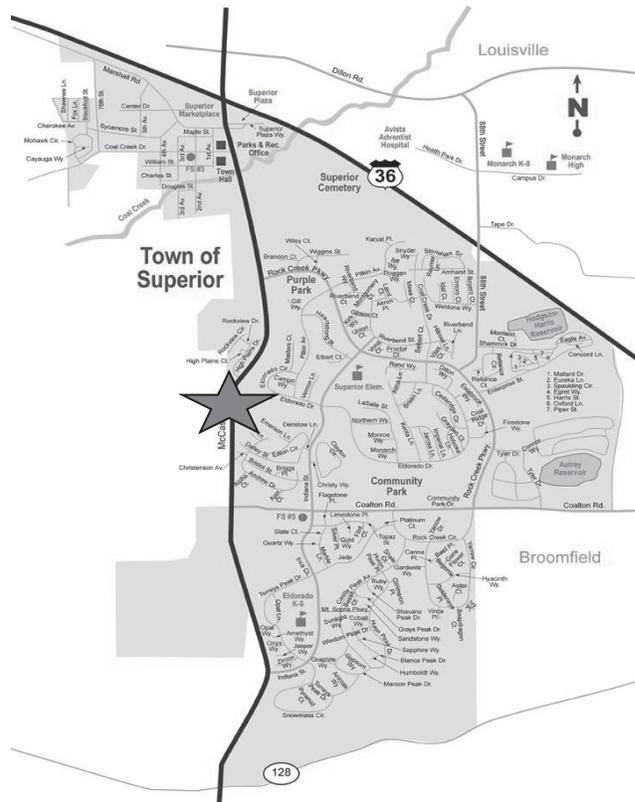
2017 -

\$ 300,000 Total Cost

Total Cost \$ 300,000

PROJECT DESCRIPTION

The TSC has had numerous discussions regarding pedestrian access to the Ridge. The consensus option is installation of a traffic signal to both provide a safer pedestrian crossing and to reduce vehicle delays accessing McCaslin from the Ridge. This project would also included trails connections to the east and to the south.



ANNUAL OPERATING BUDGET IMPACT

TBD

McCaslin-Coalton Roundabout Trail

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 20,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 20,000

2014 -

2015

2016 -

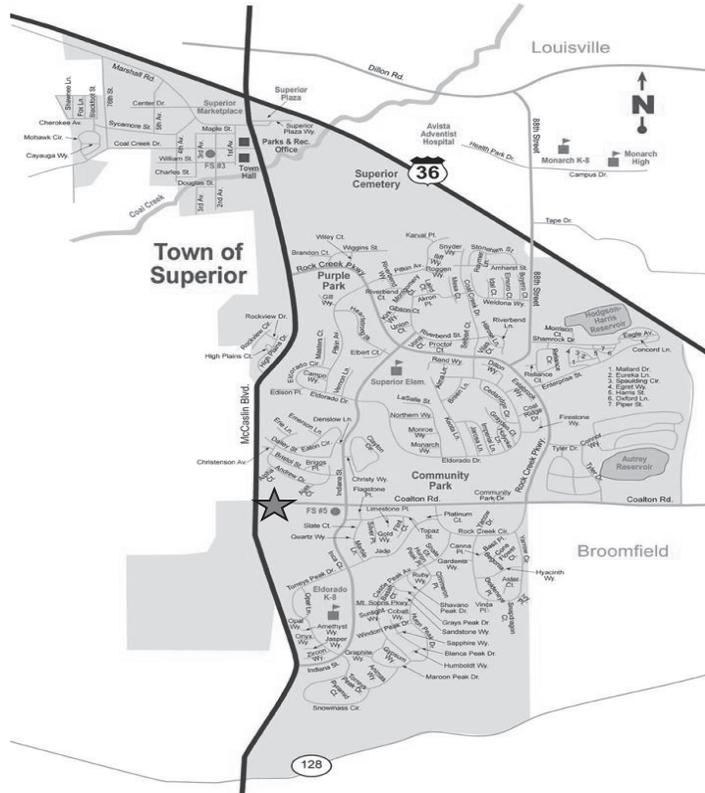
2017 -

\$ 20,000 **Total Cost**

Total Cost \$ 20,000

PROJECT DESCRIPTION

The McCaslin-Coalton Roundabout was completed in 2010. A crusher fine trail was added along the east side of McCaslin connecting to the trail in 2011. The trail connection was not engineered and construction did not adequately handle storm drainage, resulting in erosion and maintenance issues. This project would add curb and gutter for about 100 feet on the east side of McCaslin, just north of the roundabout, as well as other drainage improvements. Topsoil and native landscaping would be added. Boulder County Transportation to reimburse the Town for this project in 2014.



ANNUAL OPERATING BUDGET

\$ -

Street Replacement Program

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 2,500,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 2,500,000

2014 2,500,000

2015 1,800,000

2016 1,300,000

2017 1,700,000

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

Total Cost \$ 9,800,000

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.

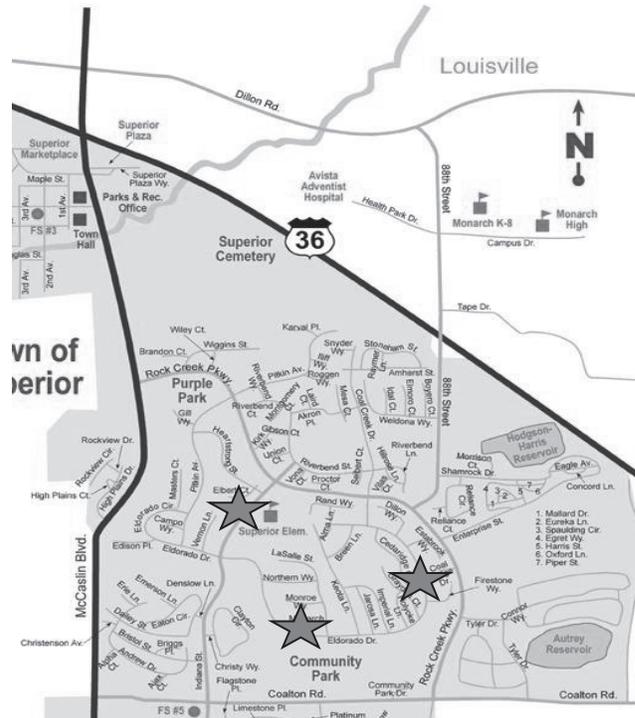
2013 - Arbors, Eldorado Drive, Indiana near Fire Station.

2014 - Hillside, Creekside, Waterford

2015 - Indiana St., 88th St., Rock Creek Circle

2016 - McCaslin Blvd., Indiana St. Coal Creek Dr.

2017 - McCaslin Blvd., Rock Creek Pkwy



ANNUAL OPERATING BUDGET IMPACT

\$ -

McCaslin Blvd Slope Stability Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 80,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 80,000

2014 -

2015 -

2016 -

2017 -

\$ 80,000 **Total Cost**

Total Cost \$ 80,000

PROJECT DESCRIPTION

This project provides for improvements as needed at two developing slope failure locations along McCaslin Blvd. The first location is just below The Ridge. The second location is south of Coalton along the West side of McCaslin. Improvements will be based upon recommendations of a Slope Stability Assessment Study being completed in the last half of 2012.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Town Wide Traffic Signal Health Index Assessment

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 15,000

2014

2015 -

2016 -

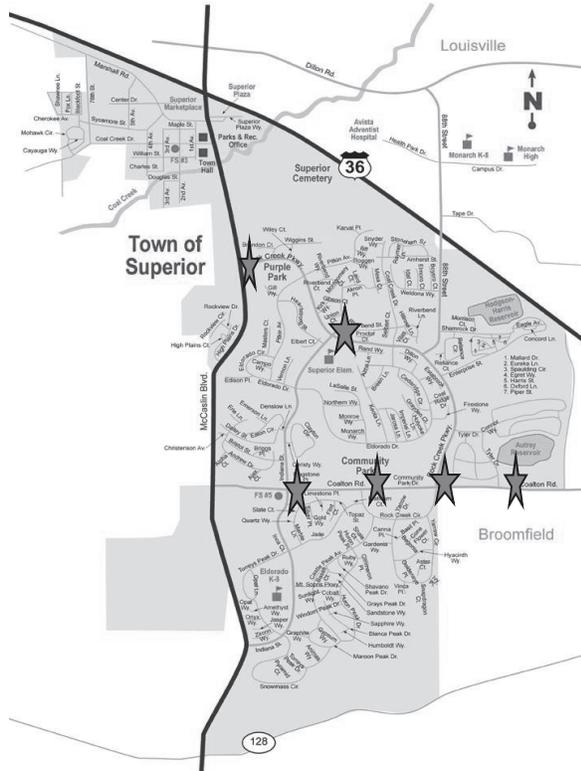
2017 -

Total Cost \$ 15,000

Total Cost \$ 15,000

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.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Facilities Master Plan

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 75,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 75,000

2014

2015 -

2016 -

2017 -

\$ 75,000 **Total Cost**

Total Cost \$ 75,000

PROJECT DESCRIPTION

This project would identify existing and future facility needs including: Operations staff, Administrative staff, Recreation Facilities, Library, Pools, Community Center, Senior Center, and Maintenance Facilities. The analysis would include potential options to meet these needs along with budget estimates.

ANNUAL OPERATING BUDGET IMPACT

\$ -

McCaslin Bridge & Town Wide Light Pole Painting

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 20,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 20,000

2014 -

2015 -

2016 -

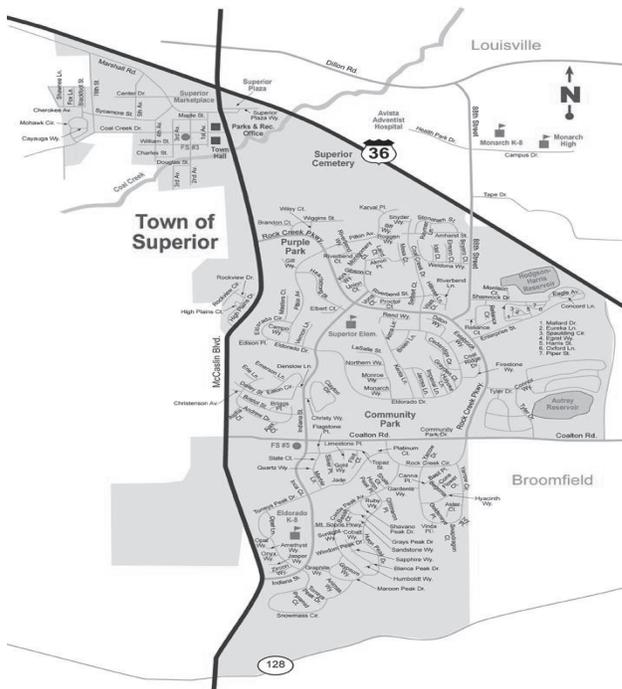
2017 -

\$ 20,000 **Total Cost**

Total Cost \$ 20,000

PROJECT DESCRIPTION

This project provides for funding to address McCaslin Bridge and miscellaneous light pole painting Town wide. Public Works staff will verify with Xcel their responsibility for pole light painting.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Vehicle Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$	9,000	Governmental Capital
	4,500	Water Capital
	2,700	Sewer Capital
	1,800	Storm Capital
<hr/>		
\$	18,000	Total Cost

BUDGET BY YEAR

2013	\$ -
2014	18,000
2015	
2016	382,000
2017	<hr/>
Total Cost	\$ 400,000

PROJECT DESCRIPTION

2014 - Replacement of Ford Ranger pickup truck (104).

2016 - Replacement roll-off truck (106) and pick-up truck (109) split between GF, Water, Sewer and Storm. Sewer Jet/Vacuum truck (105) Sewer fund exclusively.

ANNUAL OPERATING BUDGET IMPACT

\$ -

Roadway and Street Design and Construction Standards

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Governmental Capital

BUDGET BY YEAR

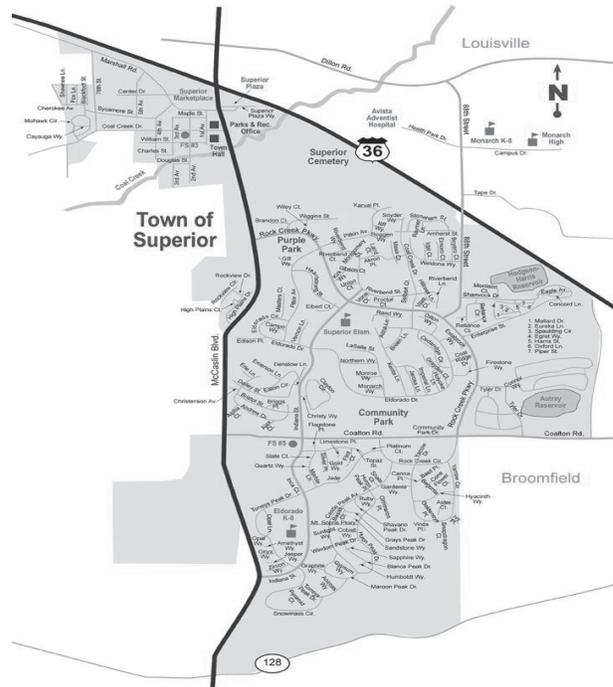
2013	\$ -
2014	25,000
2015	-
2016	-
2017	-

Total Cost
\$ 25,000

Total Cost \$ 25,000

PROJECT DESCRIPTION

This project provides for funding to update Town wide Street Standards.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Tri Annual Pavement Condition Index Update

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Governmental Capital

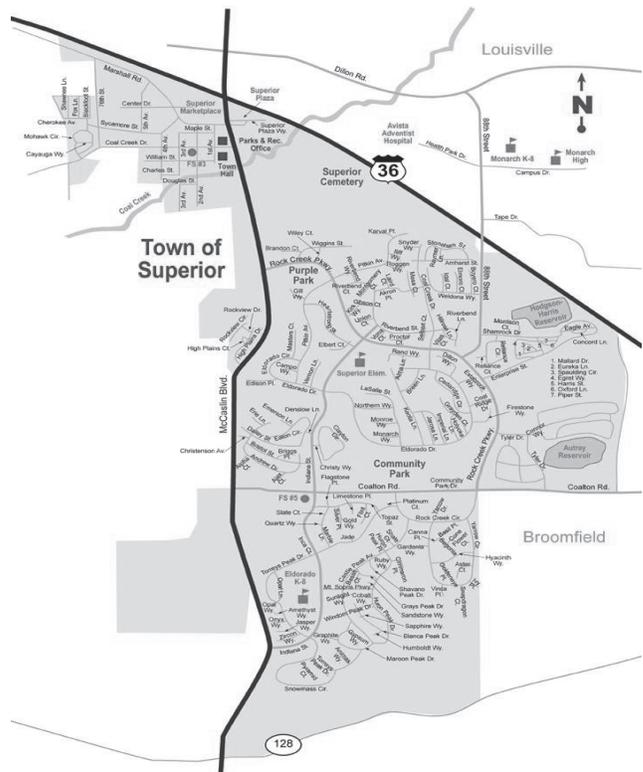
BUDGET BY YEAR

2013	\$ -
2014	25,000
2015	-
2016	-
2017	25,000
Total Cost	\$ 50,000

\$ 25,000 **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 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

\$ 50,000	Governmental Capital
25,000	Water Capital
15,000	Sewer Capital
10,000	Storm Capital
\$ 100,000	Total Cost

BUDGET BY YEAR

2013	\$ -
2014	100,000
2015	1,500,000
2016	
2017	-
Total Cost	\$ 1,600,000

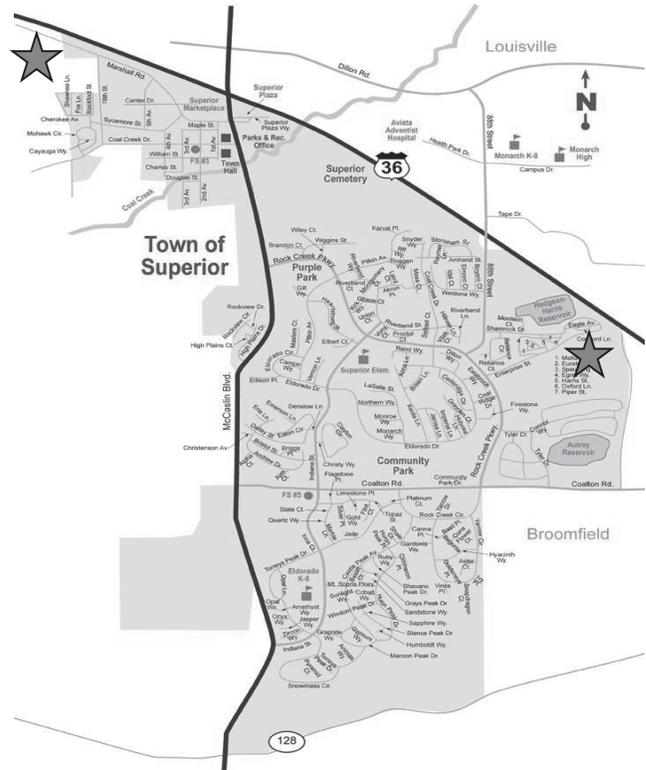
PROJECT DESCRIPTION

2014 - Design of PW & Parks Maintenance Operations Building based upon 2013 Facilities Master Plan.

2015 - Construction of PW & Parks Maintenance Operations Building. This project may also include construction of a Salt/Sand Storage Area.

ANNUAL OPERATING BUDGET IMPACT

\$ 72,500



White Raven Removal

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Governmental Capital

BUDGET BY YEAR

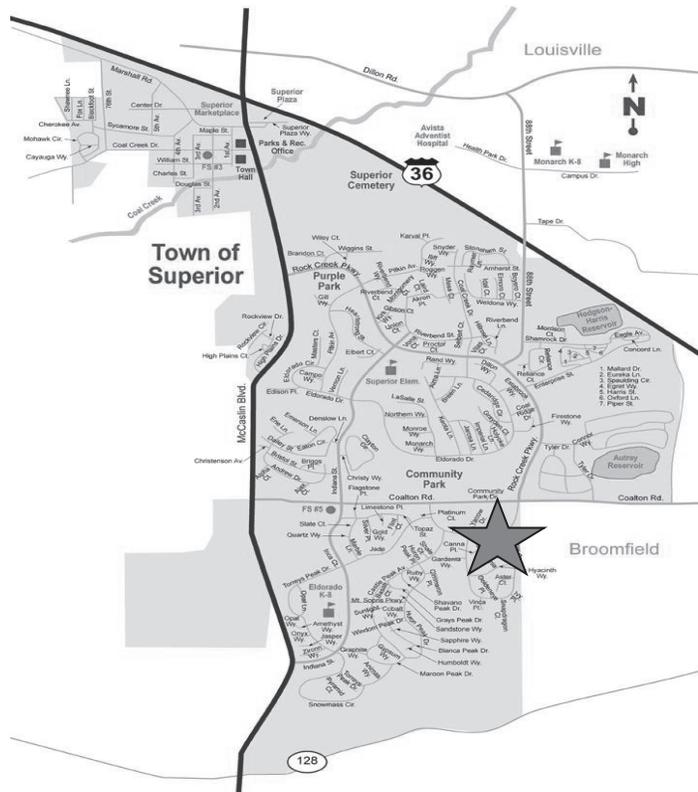
2013	\$ -
2014	-
2015	-
2016	-
2017	50,000

\$ 50,000 **Total Cost**

Total Cost \$ 50,000

PROJECT DESCRIPTION

White Raven Drive was originally constructed as a potential access from Yarrow Circle to the property to the east. This property has since been developed as the Summit Apartments within the City & County of Broomfield. Due to the grades in the area and the retaining wall that was built, this street segment is no longer needed. This project would remove the existing pavement, curb, gutter and sidewalk and construction a new segment of curb, gutter and sidewalk along Yarrow as well as replace the existing street with a trail and native landscaping.



ANNUAL OPERATING BUDGET

\$ -

Community/Recreation Center Feasibility Study

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 50,000	Governmental Capital
-	Water Capital
-	Sewer Capital
-	Storm Capital
<hr/>	
\$ 50,000	Total Cost

BUDGET BY YEAR

2013	\$ 50,000
2014	-
2015	-
2016	-
2017	-
<hr/>	
Total Cost	\$ 50,000

PROJECT DESCRIPTION

This project would provide a detailed analysis of feasibility of constructing a community/recreation center, including a community engagement process and survey, and determine recommended size, location, facility components as well as estimated construction and ongoing costs.

ANNUAL OPERATING BUDGET IMPACT

\$ -

Pool Repairs and Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 48,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 48,000

2014 71,000

2015 71,000

2016 60,000

2017 60,000

\$ 48,000 **Total Cost**

Total Cost \$ 310,000

PROJECT DESCRIPTION:

2013: Sun-shades North and South Pools, South Pool filters; boiler replacement South Pool; furniture replacement.

2014: Replaster South Pool; chemical controllers South; furniture replacement.

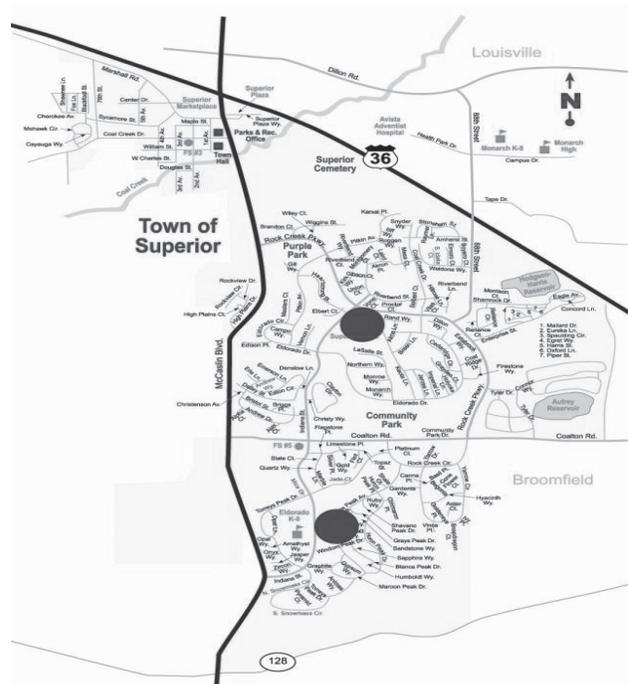
2015: Furniture replacement; new chemical controller for North; replaster North Pool.

2016: Sand replacement North Pool filters; replacement furniture, gates, lights, paint, replace North Pool fence.

2017: Furniture replacement; new chemical controller for South, replace south fence

ANNUAL OPERATING BUDGET IMPACT

\$ -



Community Park Ballfield Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 14,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 14,000

2014 14,000

2015 14,000

2016 14,000

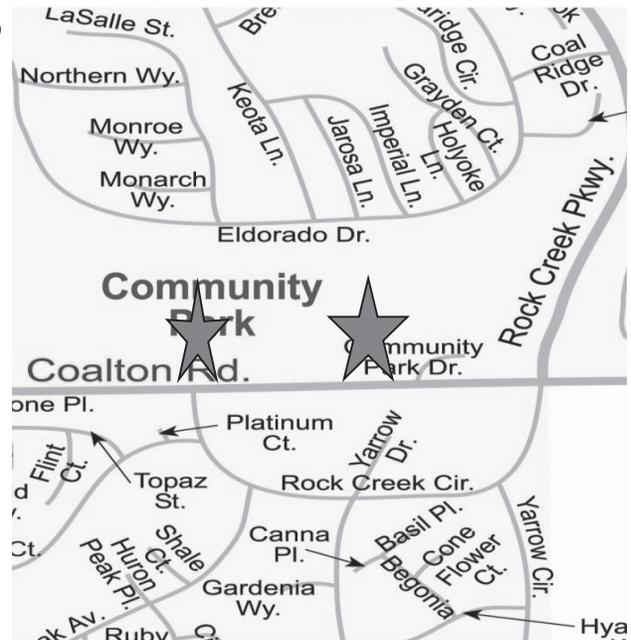
2017 14,000

\$ 14,000 **Total Cost**

Total Cost \$ 70,000

PROJECT DESCRIPTION:

Stewart and Scanlon softball/baseball outfields - top dress and seed annually.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Tennis Court Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 55,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 55,000

2014 -

2015 -

2016 -

2017 20,000

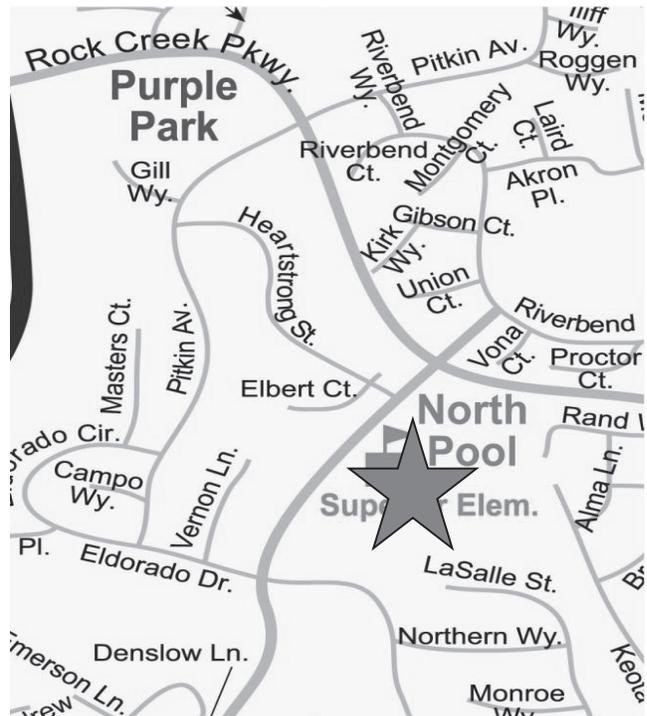
\$ 55,000 **Total Cost**

Total Cost \$ 75,000

PROJECT DESCRIPTION:

2013 - Replace fencing and windscreens. Resurface tennis courts. Four- year resurface cycle for four tennis courts.

2017 - Four-year resurface cycle for four tennis courts.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Community Park Netting/Fence Replacement

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 15,000

2014 50,000

2015 -

2016 -

2017 -

\$ 15,000 **Total Cost**

Total Cost \$ 65,000

PROJECT DESCRIPTION

2013: Add netting and posts behind the goals at Williams Field.

2014: 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



Soil Conditioning and Gypsum Treatment

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 10,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 10,000

2014 -

2015 10,000

2016 -

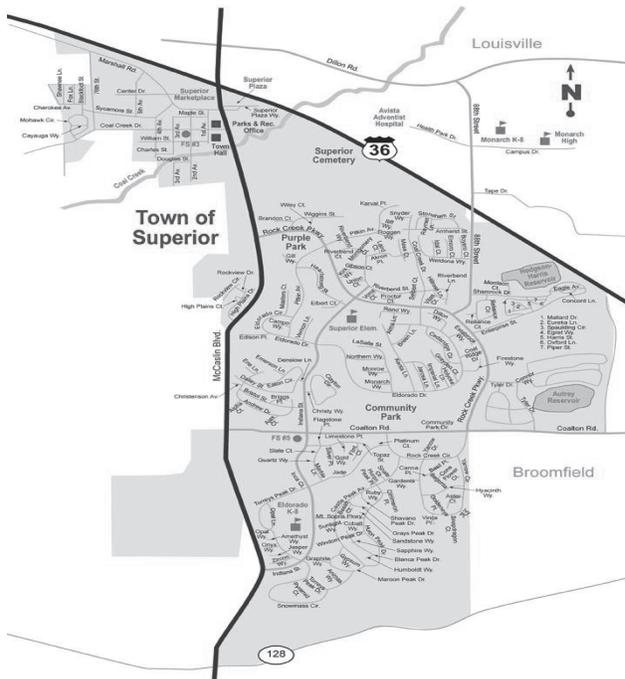
2017 11,000

\$ 10,000 **Total Cost**

Total Cost \$ 31,000

PROJECT DESCRIPTION

Soils adjacent to arterial streets suffer from compaction and high sodium content due to landscape maintenance and snow removal activities. Repeated applications of fertilizer and road salt residue have degraded the soil and stressed plant material. It is proposed that gypsum (calcium sulfate) be applied to soils every other year. Gypsum works by attracting sodium particles as it percolates through the soil. Not only is the sodium content reduced, but pore spaces left by the salt removed improves soil aeration and tilth.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Shrub Bed Renovation

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Governmental Capital

BUDGET BY YEAR

2013 \$ -

2014 50,000

2015 50,000

2016 -

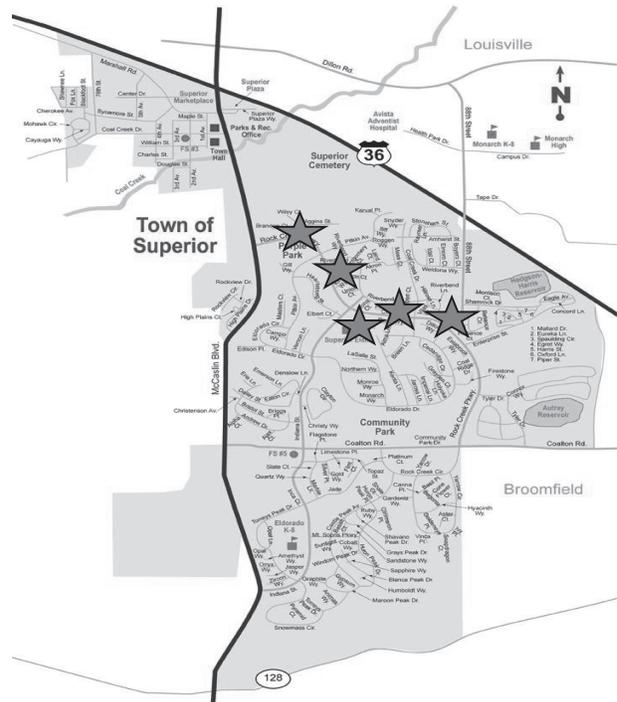
2017 -

\$ 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

\$ -

Drinking Fountain Replacement

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 5,000 Governmental Capital

BUDGET BY YEAR

2013 \$ -

2014 5,000

2015 7,500

2016 -

2017 -

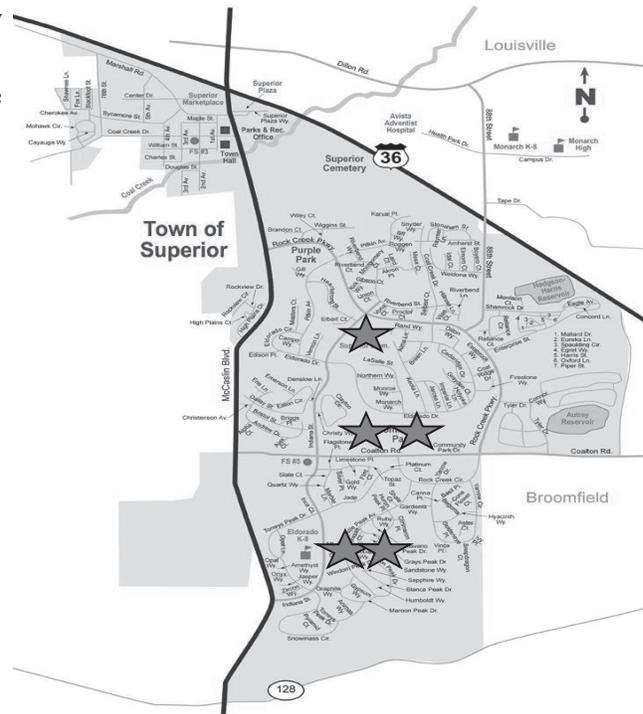
\$ 5,000 **Total Cost**

Total Cost \$ 12,500

PROJECT DESCRIPTION

2014: Replace two drinking fountains at Community Park

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)

Environmental "Green" Enhancements

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 75,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 75,000

2014 50,000

2015 50,000

2016 50,000

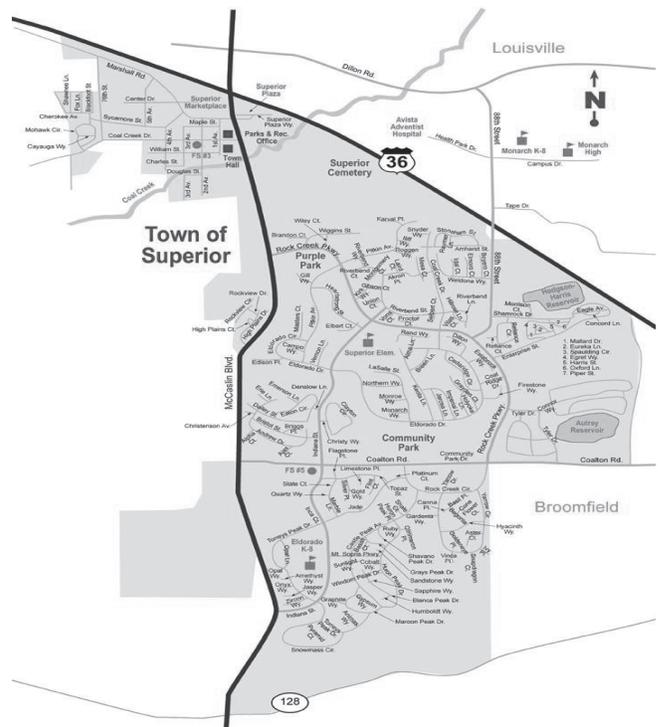
2017 50,000

\$ 75,000 **Total Cost**

Total Cost \$ 275,000

PROJECT DESCRIPTION:

New environmental "green" enhancements within the Town. This includes possible projects such as: VFD retrofits \$40,000, Equipment controls \$15,000, HVAC control upgrades \$10,000, Miscellaneous \$10,000.



ANNUAL OPERATING BUDGET IMPACT

TBD

Board Room Cameras

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Governmental Capital

\$ 25,000 **Total Cost**

BUDGET BY YEAR

2013 \$ 25,000

2014 -

2015 -

2016 -

2017 -

Total Cost \$ 25,000

PROJECT DESCRIPTION:

The current Boardrooms cameras, which are used to televise meetings over Channel 8 and web streaming, were installed in 1999 as part of the Town Hall remodel. These cameras were donated to the Town by Comcast. The Town has received initial cost estimates to replace the existing 3 cameras that are within the proposed budget. This is a project that may continue to be pushed out to later years, with the recognition that the cameras will need to be replaced at some point.

ANNUAL OPERATING BUDGET IMPACT

\$ -

Bus Stop Shelters

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 22,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 22,000

2014 23,000

2015 7,500

2016 -

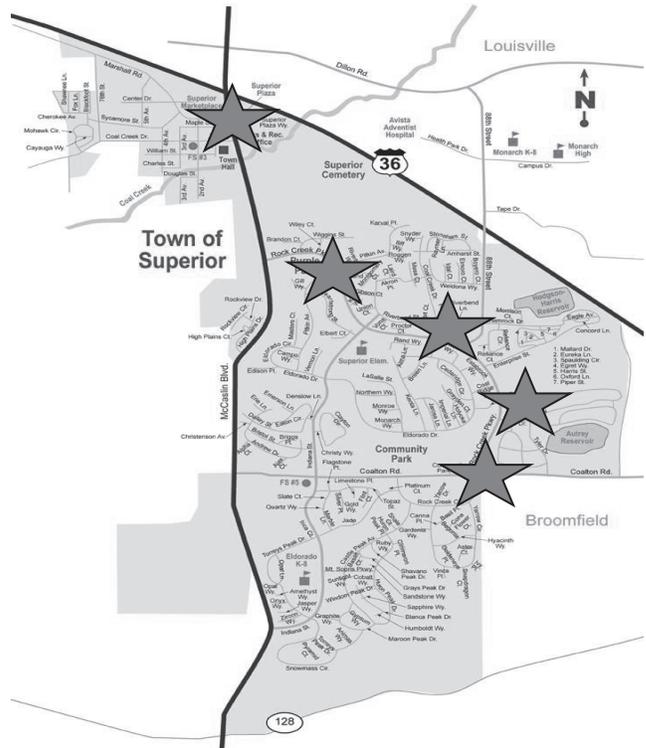
2017 -

\$ 22,000 **Total Cost**

Total Cost \$ 52,500

PROJECT DESCRIPTION:

The Town started installing bus shelters in 2012 with three Bus Shelters located around the bus benches. The Town will install 3 bus shelters in each 2013 and 2014 and 1 in 2015. There will be 10 bus shelters installed overall.



ANNUAL OPERATING BUDGET IMPACT

\$ 500 Maintenance

Vehicle Replacement, Purchase

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 35,000 Governmental Capital

BUDGET BY YEAR

2013 \$ 35,000

2014 -

2015 25,000

2016 -

2017 -

\$ 35,000 **Total Cost**

Total Cost \$ 60,000

PROJECT DESCRIPTION:

2013 - New Vehicle for Admin Staff

2015 - Replacement of Parks and Public Works staff vehicle.

ANNUAL OPERATING BUDGET IMPACT

\$ 2,500 Maintenance for
new vehicle.

Server Replacement

Administrative Project

FIRST YEAR FUNDING SOURCE
 \$ 15,000 Governmental Capital

BUDGET BY YEAR

2013	\$	-
2014		-
2015		15,000
2016		15,000
2017		15,000
Total Cost	\$	45,000

\$ 15,000 **Total Cost**

PROJECT DESCRIPTION:
 Servers are on a 5 year replacement schedule
2015 - Replace Main Server.
2016 - Replace Caselle
2017 - Replace Laserfiche

ANNUAL OPERATING BUDGET IMPACT
 \$ -

Monument Signs

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Governmental Capital

BUDGET BY YEAR

2013	\$	-
2014		-
2015		-
2016		15,000
2017		-

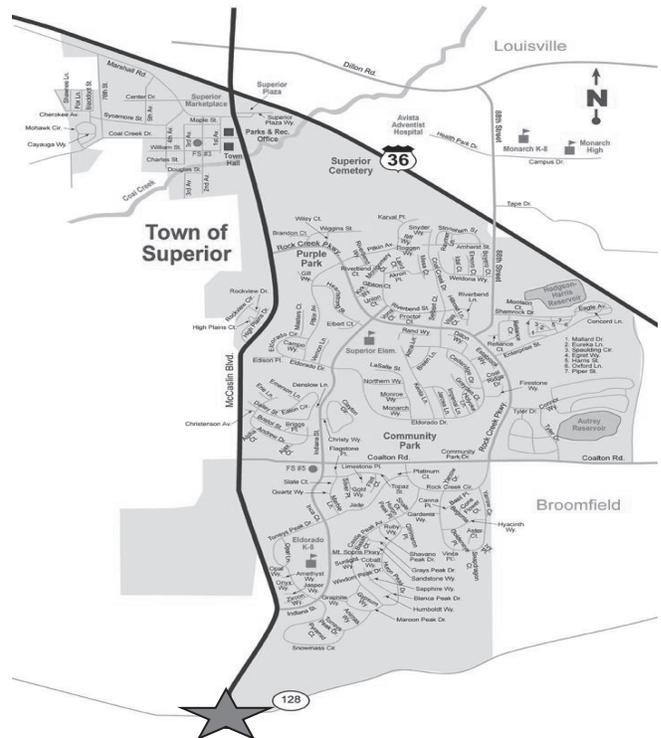
Total Cost
\$ 15,000

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

**2013 - 2017 Superior Metropolitan District No. 1
Water Capital Improvement Program Budget Revenue (50)**

Acct #	Revenue	2013 Budget	2014 Projected Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget
36-6100	Interest Income	\$41,000	\$45,000	\$54,000	\$77,000	\$4,000
36-6341	Water System Development Fees	105,000	415,000	530,000	730,000	710,000
36-6344	Irrigation Tap Fees	110,000	-	-	-	-
36-6346	Water Line Capacity Leases	35,817	37,966	40,244	42,659	45,219
36-6348	Effluent Water Leases	10,000	10,000	10,000	10,000	21,000
36-6953	Transfer from Operations Service Fees	568,000	211,500	109,500	250,750	637,000
36-6710	Windy Gap Financing	-	-	6,000,000	-	-
	Use of / (Addition to) Net Assets	260,183	(127,966)	8,715,756	(378,203)	(237,763)
		\$1,130,000	\$621,500	\$15,834,500	\$732,206	\$1,168,456

**2013 - 2017 Superior Metropolitan District No. 1
Water Capital Improvement Program Budget Expense (50-499)**

Acct #	Expense	2013 Budget	2014 Projected Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget
3340	Filter Media Replacement	\$54,000	\$-	\$-	\$-	\$-
6043	Reuse Bladder Tank Fence Improvements	29,000	36,000	39,500	-	-
6162	WTP Filters PLC Replacement	45,000	45,000	-	-	-
6271	FRICO Pipeline Maintenance	5,000	23,000	-	-	-
6155	Water System Controls Upgrade	46,000	35,000	54,000	52,000	16,000
6156	WTP Facility Painting	5,000	-	-	-	-
6157	Potable and Irrigation Valve Replacement	50,000	10,000	-	-	-
6158	WTP Raw Water Flow Meter Replacement	89,000	-	-	-	-
6159	Fire Hydrant Replacement	37,000	-	-	-	-
6165	WTP Electrical Equipment Replacement	47,000	-	-	-	-
6166	WTP Chemical Tank Improvements	6,000	8,000	-	-	-
6167	WTP Chemical Pump Replacement	15,000	-	16,000	-	-
6168	AB Pump Station Controls Improvements	25,000	-	-	-	-
6169	WTP Access Gate Improvements	15,000	-	-	-	-
6740	Potable Interconnects	12,000	60,000	750,000	-	-
6780	Windy Gap Firing	550,000	325,000	14,600,000	-	-
6960	Irrigation Meter and Vault Replacement	100,000	45,000	-	-	-
6300	Vehicle Replacement	-	4,500	-	46,750	-
6421	Building-PW/Parks Maint & Oper.	-	25,000	375,000	-	-
6950	NCWCD Pump Replacement	-	-	-	-	50,000
6061	Irrigation System Storage Tank Cover	-	-	-	-	200,000
6781	Windy Gap Loan Repayment	-	-	-	481,456	481,456
		\$1,130,000	\$621,500	\$15,834,500	\$732,206	\$1,168,456

Filter Media Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 54,000 Water Capital

\$ 54,000 **Total Cost**

BUDGET BY YEAR

2013 \$ 54,000

2014 -

2015 -

2016 -

2017 -

Total Cost \$ 54,000

PROJECT DESCRIPTION

This project will provide for replacement of filter media in one of the finished potable water filters at the Water Treatment Plant.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Reuse Bladder Tank Fence Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 29,000 Water Capital

BUDGET BY YEAR

2013 \$ 29,000

2014 36,000

2015 39,500

2016 -

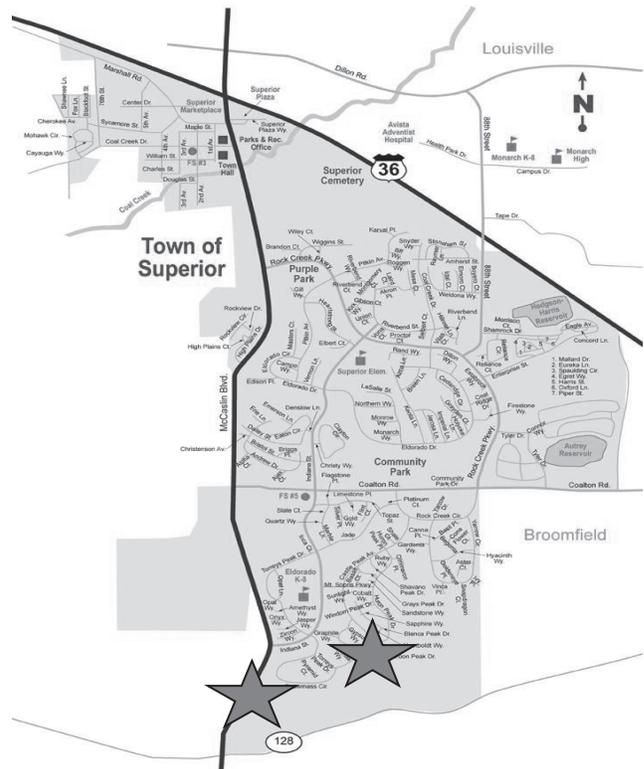
2017 -

Total Cost
\$ 29,000

Total Cost \$ 104,500

PROJECT DESCRIPTION

This project provides for installation of an upgraded fence around the Reuse System Bladder Tank and 0.5-million-gallon (MG) potable water tank. It also includes installing a fence around the 1.5 MG potable water tank, which is currently not fenced. All three sites experience wind damage, vandalism, or both. It is proposed to install a new heavy duty fence to withstand future damage and improve potable water and irrigation systems supply security. It is proposed to install a fence around the 1.5 MG tank in 2013, 0.5 MG tank in 2014, and the Reuse System Bladder Tank in 2015.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Filters PLC Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 45,000 Water Capital

\$ 45,000 **Total Cost**

BUDGET BY YEAR

2013 \$ 45,000

2014 45,000

2015 -

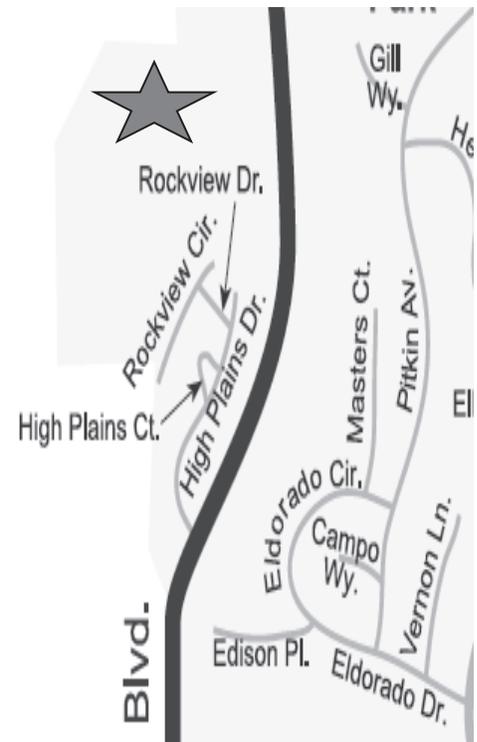
2016 -

2017 -

Total Cost \$ 90,000

PROJECT DESCRIPTION

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



ANNUAL OPERATING BUDGET IMPACT

\$ -

FRICO Pipeline Maintenance

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 5,000 Water Capital

BUDGET BY YEAR

2013 \$ 5,000

2014 23,000

2015 -

2016 -

2017 -

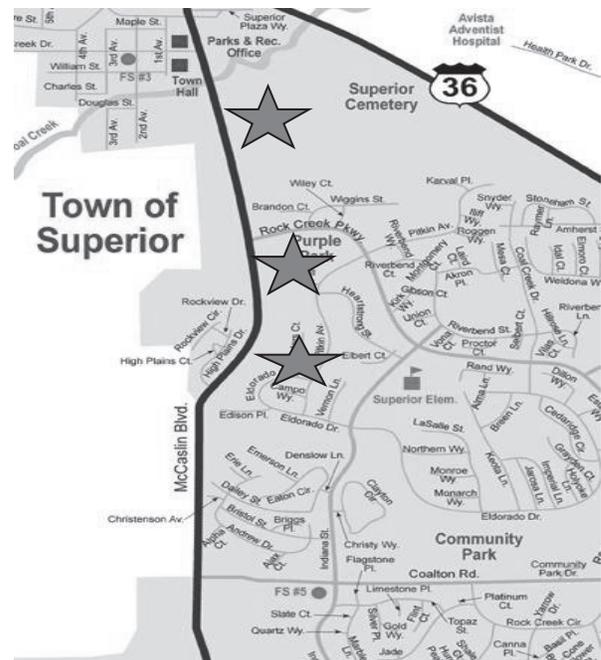
Total Cost \$ 5,000

Total Cost \$ 28,000

PROJECT DESCRIPTION

2013 - scope of this project provides parts for Town's maintenance crew to repair a drain line to Farmers Reservoir and Irrigation Company's (FRICO) raw water manhole.

2014 - scope includes grout injection to mitigate leaking joints in the Community Ditch pipeline. Both repairs were requested by FRICO and confirmed by Town staff as needed.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Water System Controls Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 46,000 Water Capital

BUDGET BY YEAR

2013 \$ 46,000

2014 35,000

2015 54,000

2016 52,000

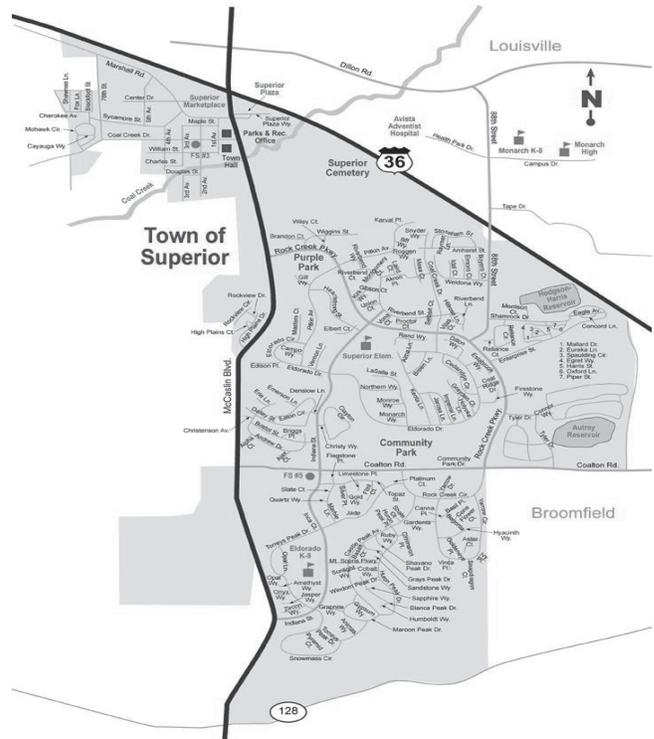
2017 16,000

Total Cost \$ 46,000

Total Cost \$ 203,000

PROJECT DESCRIPTION

This project provides upgrades to various components that are responsible for automatic operation of Town's water supply systems. **2013** - new computer, current controls software, and secure remote operator access to WTP's control system. Remote access enables operators to respond to many emergencies remotely and faster than traveling to the site. Additionally included are Pond 5 Pump Station program rewrite and PLC replacement. **2014** - 0.5 MG Tank program rewrite and PLC replacement, Mica Pump Station program rewrite, CD Pump Station program rewrite, as well as 1.5 MG Tank program rewrite and PLC replacement. **2015** - PLC replacement and restoration of SCADA connection to Community Ditch Pump Station, as well as AB Pump Station PLC replacement. **2016** - Mica Pump Station PLC replacement and CD Pump Station PLC replacement. **2017** - CD Pump Station and Mica Pump Station addition to SCADA and upgrade of WTP's chlorine analyzer.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Facility Painting

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 5,000 Water Capital

\$ 5,000 **Total Cost**

BUDGET BY YEAR

2013 \$ 5,000

2014 -

2015 -

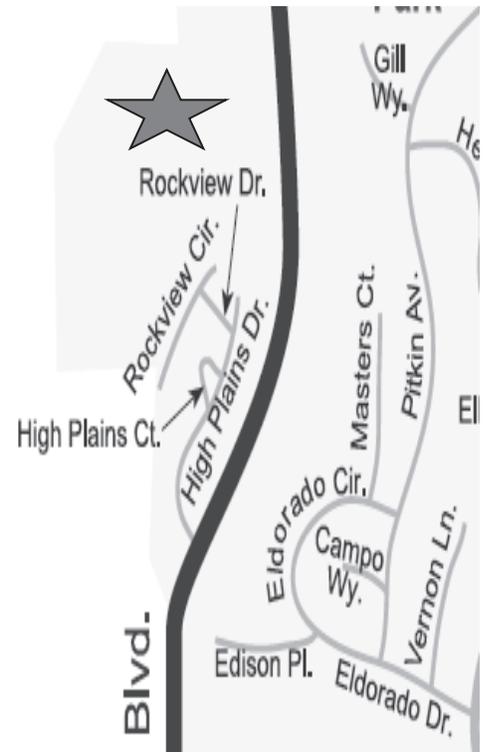
2016 -

2017 -

Total Cost \$ 5,000

PROJECT DESCRIPTION

This project provides materials and additional operator time to paint the treatment building interior.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Potable and Irrigation Valve Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Water Capital

BUDGET BY YEAR

2013 \$ 50,000

2014 10,000

2015 -

2016 -

2017 -

\$ 50,000 **Total Cost**

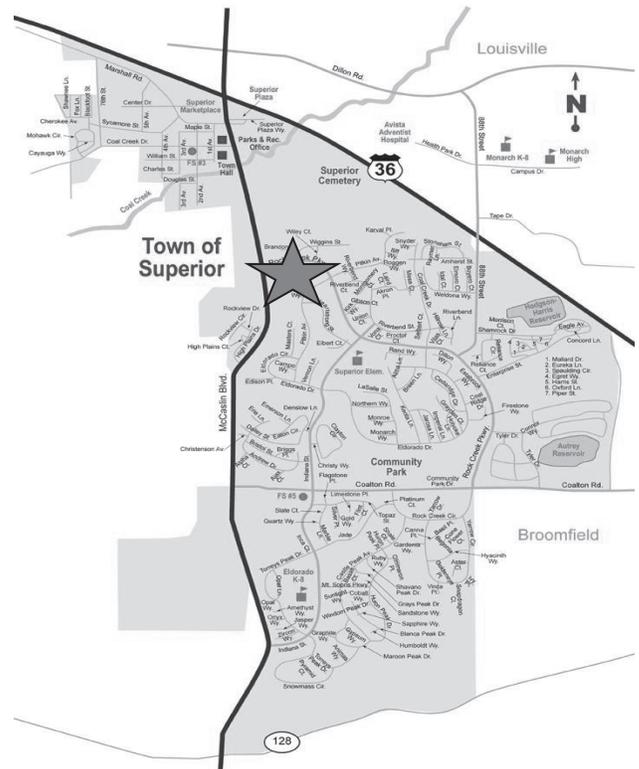
Total Cost \$ 60,000

PROJECT DESCRIPTION

This project replaces broken valves requiring significantly more effort than a typical valve replacement.

2013 - replacing a broken potable water distribution valve at Pitkin Avenue, in the pedestrian crosswalk.

2014 - replacing a broken irrigation valve at Purple Park's pedestrian crosswalk on Rock Creek Parkway.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Raw Water Flow Meter Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 89,000 Water Capital

\$ 89,000 **Total Cost**

BUDGET BY YEAR

2013 \$ 89,000

2014 -

2015 -

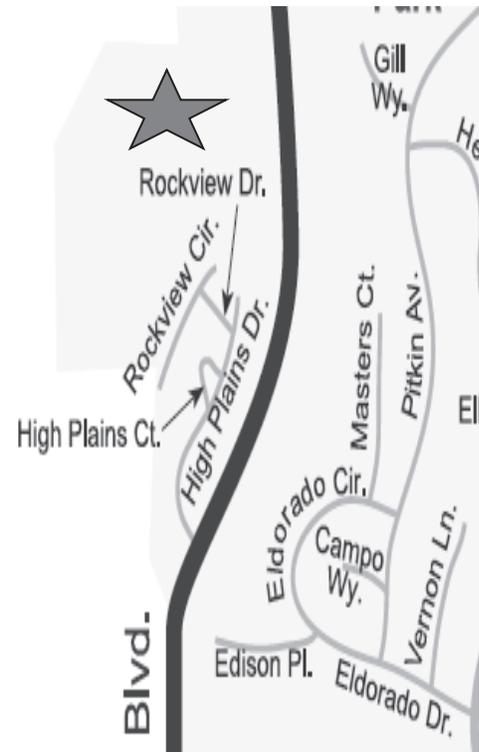
2016 -

2017 -

Total Cost \$ 89,000

PROJECT DESCRIPTION

This project replaces raw water flow meters to ensure accurate readings of flow into the facility. Existing meters are nearing their design life, are producing inaccurate readings, and are not the correct type of meter for the application.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Fire Hydrant Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 37,000 Water Capital

BUDGET BY YEAR

2013 \$ 37,000

2014 -

2015 -

2016 -

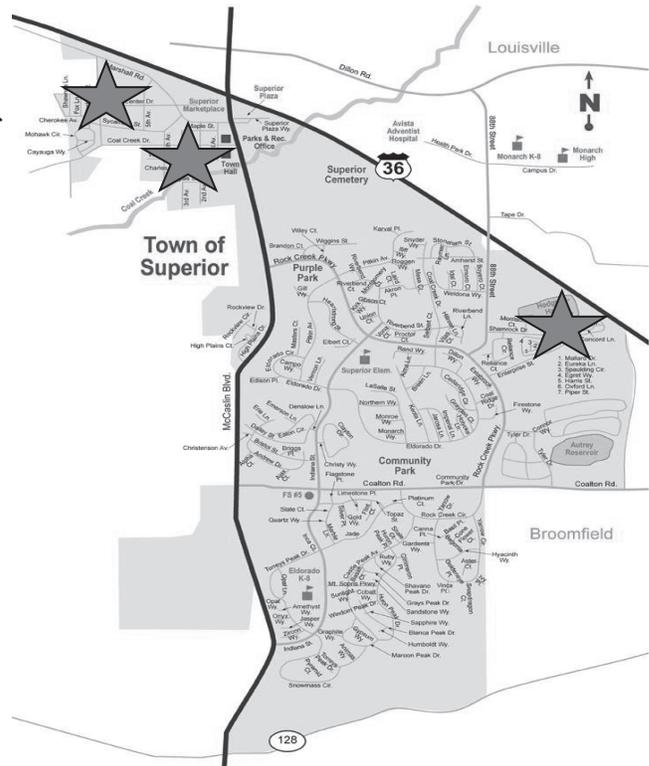
2017 -

Total Cost
\$ 37,000

Total Cost \$ 37,000

PROJECT DESCRIPTION

This project provides for installation of two fire hydrants to improve fire protection in areas of Original Town. Also included is replacement of 3 existing hydrants per request of Rocky Mountain Fire Protection District.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Electrical Equipment Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 47,000 Water Capital

\$ 47,000 **Total Cost**

BUDGET BY YEAR

2013 \$ 47,000

2014 -

2015 -

2016 -

2017 -

Total Cost \$ 47,000

PROJECT DESCRIPTION

This project replaces electrical equipment that is approaching its design life or has already caused controls problems. Project includes replacing 4 turbidimeters that measure water clarity. The installed models are no longer manufactured and replacement parts are not available. Also included are 4 level transmitters that measure filter water levels for the water treatment plant (WTP) control system. Level transmitters are not providing correct measurements, which affects facility controls. 10 new valve actuators would replace existing equipment that has already experienced several failures and resulted in unplanned expenses.

ANNUAL OPERATING BUDGET IMPACT

\$ (2,000)



WTP Chemical Tank Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 6,000 Water Capital

\$ 6,000 **Total Cost**

BUDGET BY YEAR

2013 \$ 6,000

2014 8,000

2015 -

2016 -

2017 -

Total Cost \$ 14,000

PROJECT DESCRIPTION

2013 - Outside venting of existing chemical tanks. Lack of venting releases chemical fumes into the facility building creating hazardous conditions for operations staff.

2014 - Installing a new caustic soda tank and dosing equipment. Caustic soda will allow for more consistent water quality, reduce the probability of water quality standards violation, and protect the distribution system from corrosion or deposition.

ANNUAL OPERATING BUDGET IMPACT

\$ -



WTP Chemical Pump Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Water Capital

\$ 15,000 **Total Cost**

BUDGET BY YEAR

2013 \$ 15,000

2014 -

2015 16,000

2016 -

2017 -

Total Cost \$ 31,000

PROJECT DESCRIPTION

This project provides for replacement of 4 chemical pumps, 2 pumps in 2013 and 2 in 2015. Existing pumps are approaching their design life and are experiencing frequent breaks and malfunctions. Properly functioning chemical dosing pumps insure consistent water quality, reduce the probability of water quality standards violation, and protect the distribution system from corrosion or deposition. Operating savings are expected from reduced replacement part orders.



ANNUAL OPERATING BUDGET IMPACT

\$ (1,000)

AB Pump Station Controls Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Water Capital

BUDGET BY YEAR

2013 \$ 25,000

2014 -

2015 -

2016 -

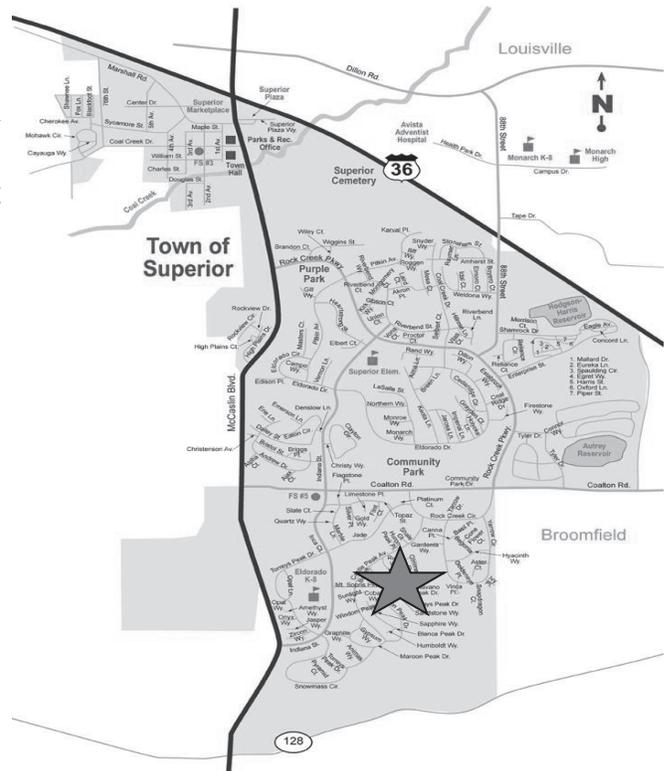
2017 -

Total Cost
\$ 25,000

Total Cost \$ 25,000

PROJECT DESCRIPTION

This project is a result of the recent pump station failure. Project provides for controls upgrades, which would prevent similar failures from happening in the future.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Access Gate Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Water Capital

BUDGET BY YEAR

2013 \$ 15,000

2014 -

2015 -

2016 -

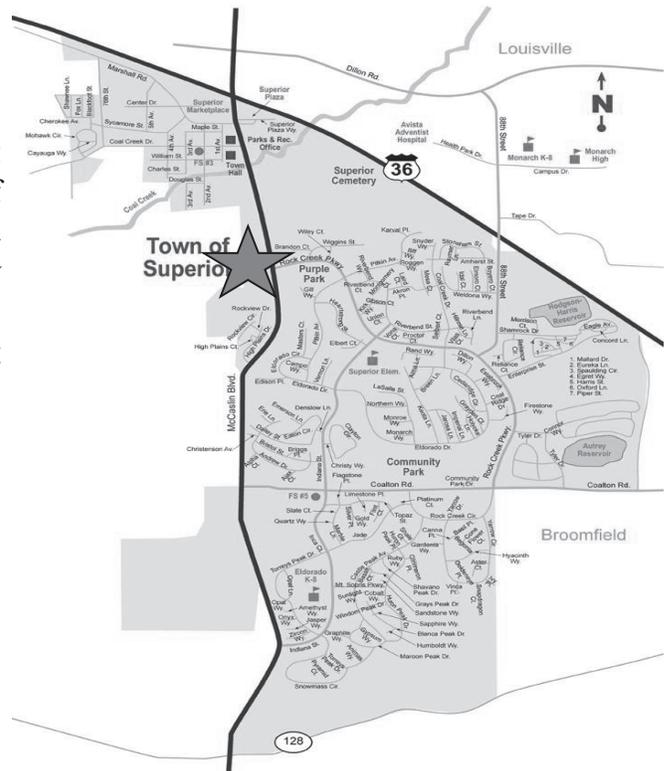
2017 -

Total Cost
\$ 15,000

Total Cost
\$ 15,000

PROJECT DESCRIPTION

This project provides for installation of a new access gate operating system at the WTP site. The existing system has been in operation since construction of the facility and experiences frequent malfunctions, a lot of times leaving the gate open, which is a security concern. Additionally, the current system cannot be opened remotely for chemical deliveries. Operating savings are expected in staff time as well as in costs for gate repair contractor.



ANNUAL OPERATING BUDGET IMPACT

\$ (1,000)

Potable Interconnect

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 12,000 Water Capital

BUDGET BY YEAR

2013 \$ 12,000

2014 60,000

2015 750,000

2016 -

2017 -

\$ 12,000 **Total Cost**

Total Cost \$ 822,000

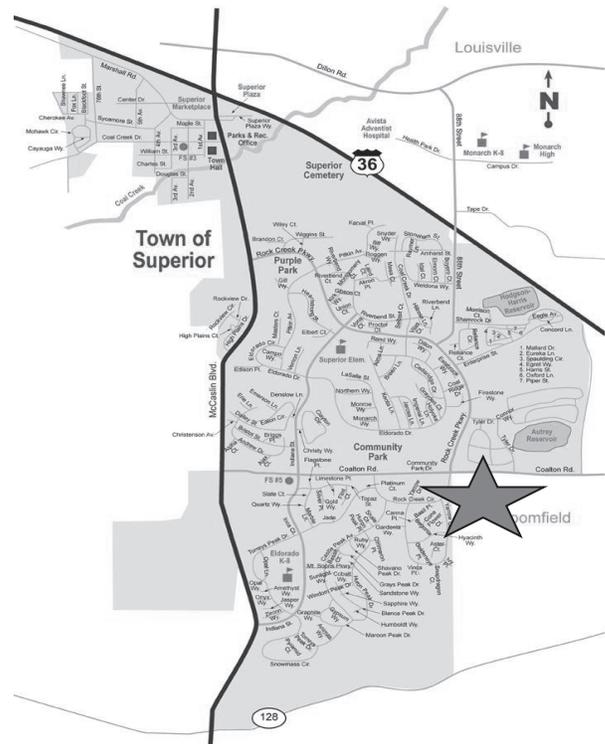
PROJECT DESCRIPTION

This project provides for access to potable water in event of a major potable system failure.

2013 - Preliminary study with City and County of Broomfield.

2014 - Design of the interconnect and development of an Intergovernmental Agreement for emergency water supply.

2015 - Construction of the interconnect.



ANNUAL OPERATING BUDGET IMPACT

\$ 1,000 Beginning in 2015

Windy Gap Firming

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 522,500 Water Capital

BUDGET BY YEAR

2013 \$ 550,000

2014 325,000

2015 14,600,000

2016 -

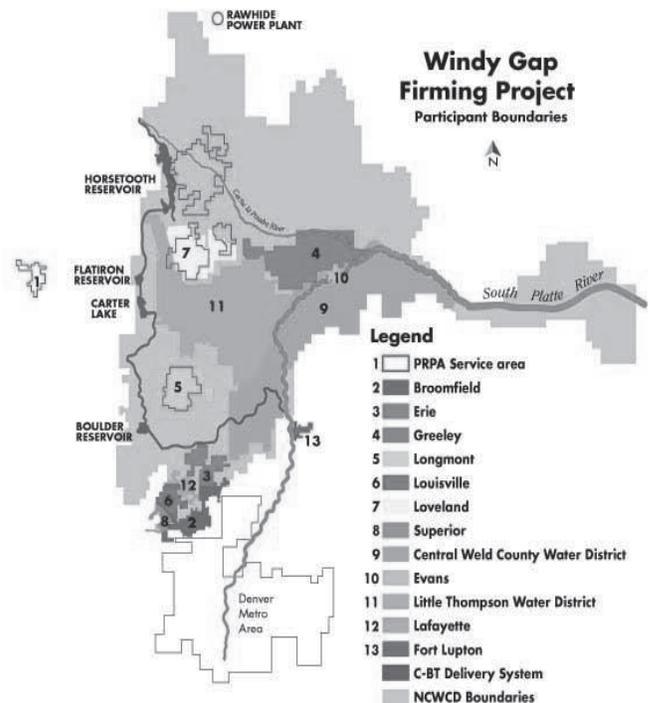
2017 -

\$ 522,500 **Total Cost**

Total Cost \$ 15,475,000

PROJECT DESCRIPTION

Superior Metropolitan District No. 1's contribution to the Windy Gap Firming Project based upon the number of shares owned by the Town. 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 4500 ac-ft of storage dedicated to the Town of Superior.



ANNUAL OPERATING BUDGET IMPACT

\$ 100,000 Beginning in 2017

Irrigation Meter and Vault Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 100,000 Water Capital

BUDGET BY YEAR

2013 \$ 100,000

2014 45,000

2015 -

2016 -

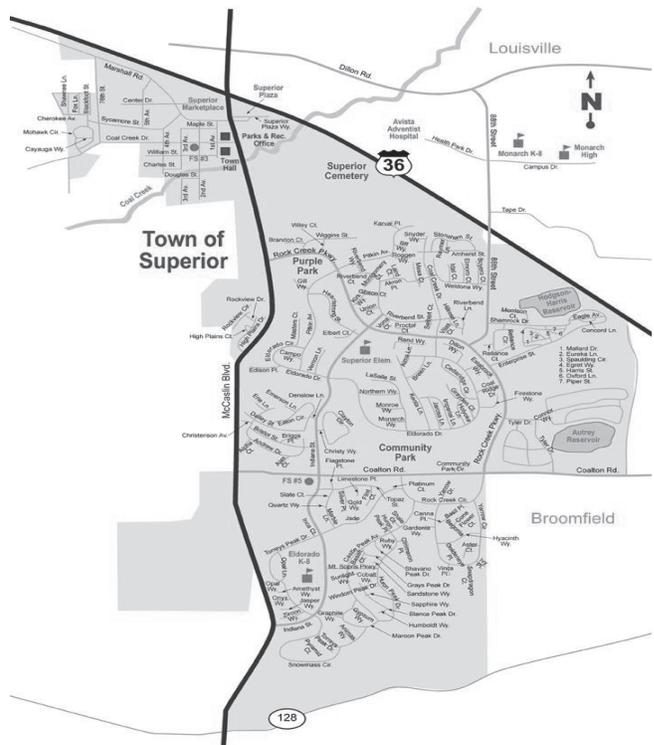
2017 -

\$ 100,000 **Total Cost**

Total Cost \$ 145,000

PROJECT DESCRIPTION

This project provides for continued upgrade of Irrigation Meter Vaults town wide. Currently, 10 vaults exist system wide that require upgrade to provide proper access for maintenance and repairs.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Irrigation Storage Tank Floating Cover Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 200,000 Water Capital

BUDGET BY YEAR

2013 \$ -

2014 -

2015 -

2016 -

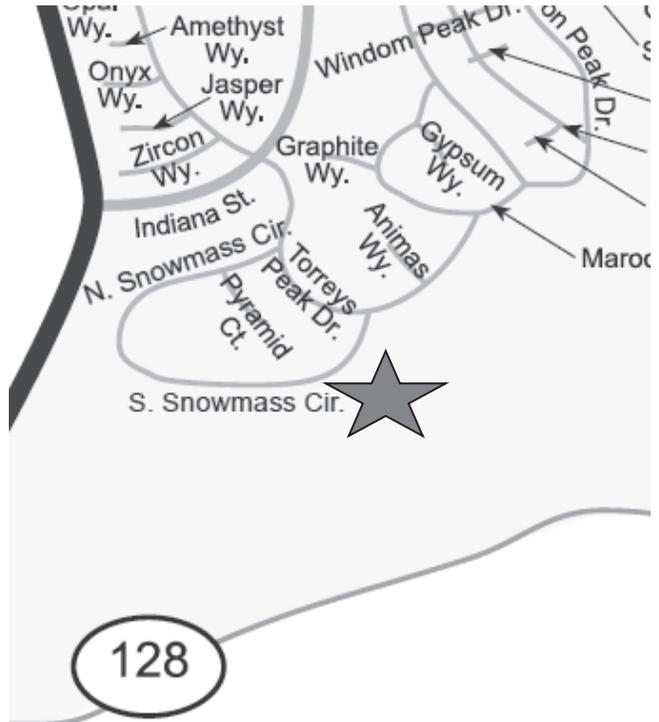
2017 200,000

\$ 200,000 Total Cost

Total Cost \$ 200,000

PROJECT DESCRIPTION

This project provides for replacement of existing floating cover on the reuse system storage tank. The existing cover is aging and approaching the end of its lifecycle.



ANNUAL OPERATING BUDGET IMPACT

\$ -

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**2013 - 2017 Superior Metropolitan District No. 1
Waste Water Capital Improvement Program Budget Revenue (51)**

Acct #	Revenue	2013 Budget	2014 Projected Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget
36-6100	Interest Income	\$2,000	\$5,000	\$7,000	\$9,000	\$13,000
36-6341	Waste Water System Development Fees	20,000	85,000	110,000	140,000	140,000
36-6953	Transfer from Operation User Fees	368,500	496,700	82,000	401,050	1,066,000
	Use of / (Addition to) Net Assets	(22,000)	(75,000)	108,000	(149,000)	(153,000)
		\$368,500	\$511,700	\$307,000	\$401,050	\$1,066,000

**2013 – 2017 Superior Metropolitan District No. 1
Waste Water Capital Improvement Program Budget Expense (51-499)**

Acct #	Expense	2013 Budget	2014 Projected Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget
6081	Town Wide Collection System Video Assessment	\$32,000	\$32,000	\$32,000	\$32,000	\$-
6273	WWTP PLC Replacement	30,000	30,000	30,000	30,000	-
6274	Lift Station Improvements	50,000	-	20,000	-	-
6275	WWTP Air Piping Painting	20,000	-	-	-	-
6276	WWTP Control System Upgrade	6,500	6,000	-	-	-
6277	WWTP Access Gate Improvements	15,000	-	-	-	-
6278	WWTP Office Improvements	10,000	-	-	-	-
6279	WWTP Process Pump Maintenance	50,000	-	-	-	-
6281	WWTP Controls Equipment Upgrades	25,000	-	-	-	-
6282	WWTP Equalization Pond Liner Repair	20,000	-	-	-	-
6283	WWTP Process Equipment Repair	85,000	-	-	-	-
6284	Sanitary Sewer Manhole Rehabilitation	25,000	25,000	-	-	-
6300	Vehicle Replacement	-	2,700	-	223,050	-
6285	WWTP Filter #1 Media and Underdrain Replacement	-	381,000	-	-	-
6286	WWTP Chemical Pump Replacement	-	15,000	-	16,000	-
6287	WWTP Facility Painting	-	5,000	-	-	-
6421	Building-PW/Parks Maint & Oper.	-	15,000	225,000	-	-
6288	WWTP Secondary Clarifier Upgrades	-	-	-	100,000	866,000
6289	WWTP Headworks Reconstruction	-	-	-	-	200,000
		\$368,500	\$511,700	\$307,000	\$401,050	\$1,066,000

Town Wide Sewer Collection System Video Assessment

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 32,000 Sewer Capital

BUDGET BY YEAR

2013 \$ 32,000

2014 32,000

2015 32,000

2016 32,000

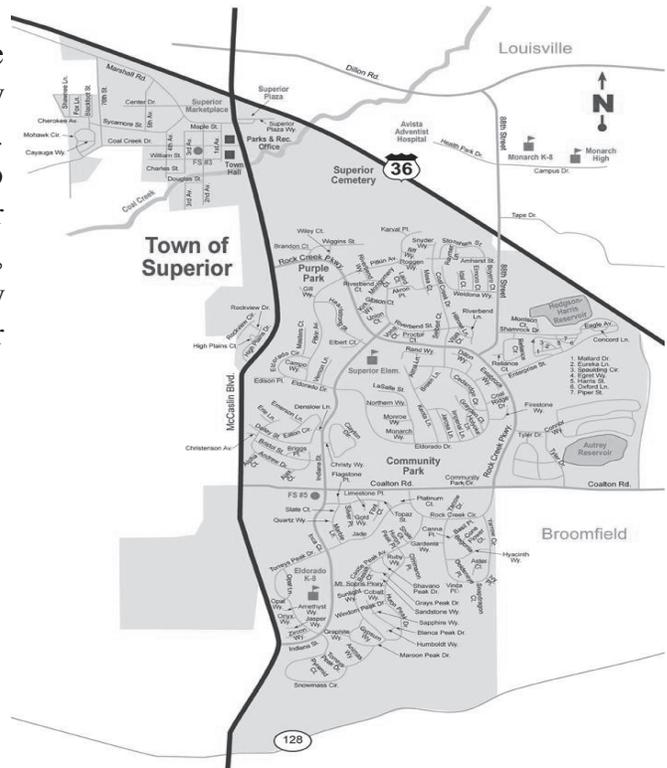
2017 -

\$ 32,000 **Total Cost**

Total Cost \$ 128,000

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.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP PLC Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 30,000 Sewer Capital

BUDGET BY YEAR

2013 \$ 30,000

2014 30,000

2015 30,000

2016 30,000

2017 -

\$ 30,000 **Total Cost**

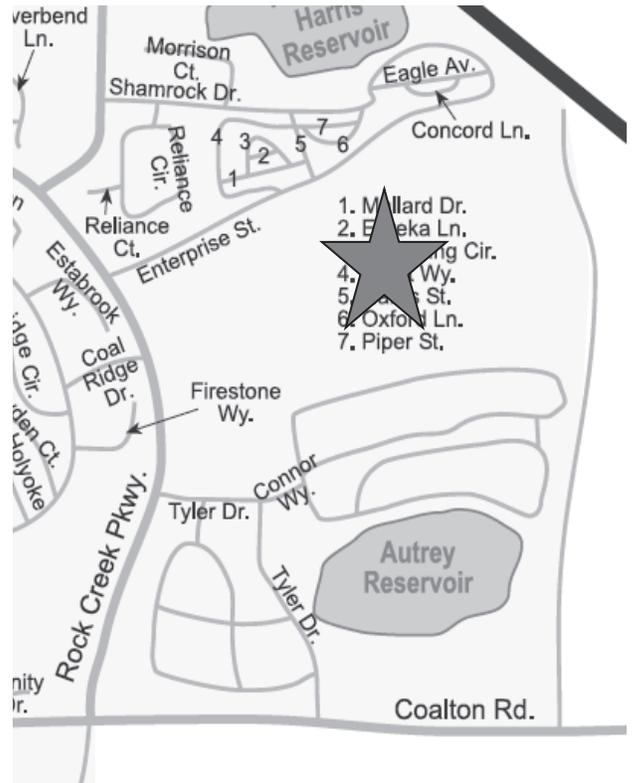
Total Cost \$ 120,000

PROJECT DESCRIPTION

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

ANNUAL OPERATING BUDGET IMPACT

\$ -



Lift Station Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Sewer Capital

BUDGET BY YEAR

2013 \$ 50,000

2014 -

2015 20,000

2016 -

2017 -

\$ 50,000 **Total Cost**

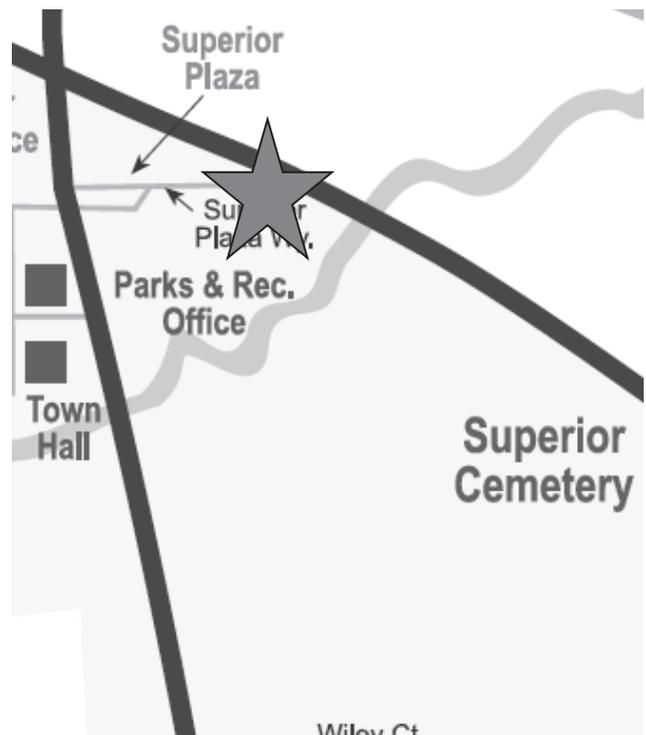
Total Cost \$ 70,000

PROJECT DESCRIPTION

This project provides for improvements to the Marketplace Lift Station.

2013 - Improvements include items such as installation of a metering manhole to measure flow and installation of isolation valves on the force main.

2015 - Replace wetwell piping. Improvements are based upon the results of a 2009 Lift Station condition assessment and recent operational problems.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Air Piping Painting

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 20,000 Sewer Capital

BUDGET BY YEAR

2013 \$ 20,000

2014 -

2015 -

2016 -

2017 -

\$ 20,000 **Total Cost**

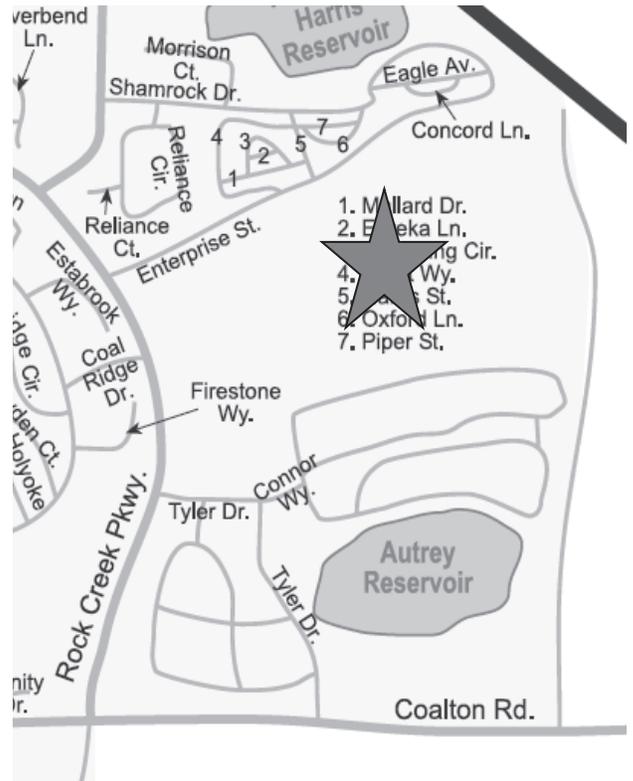
Total Cost \$ 20,000

PROJECT DESCRIPTION

This project provides for painting of air piping at the wastewater treatment plant (WWTP). Existing paint is flaking or rusting in areas and the pipes must be repainted to preserve the pipe exterior and maintain color coding identification.

ANNUAL OPERATING BUDGET IMPACT

\$ -



WWTP Control System Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 6,500 Sewer Capital

BUDGET BY YEAR

2013 \$ 6,500

2014 6,000

2015 -

2016 -

2017 -

\$ 6,500 **Total Cost**

Total Cost \$ 12,500

PROJECT DESCRIPTION

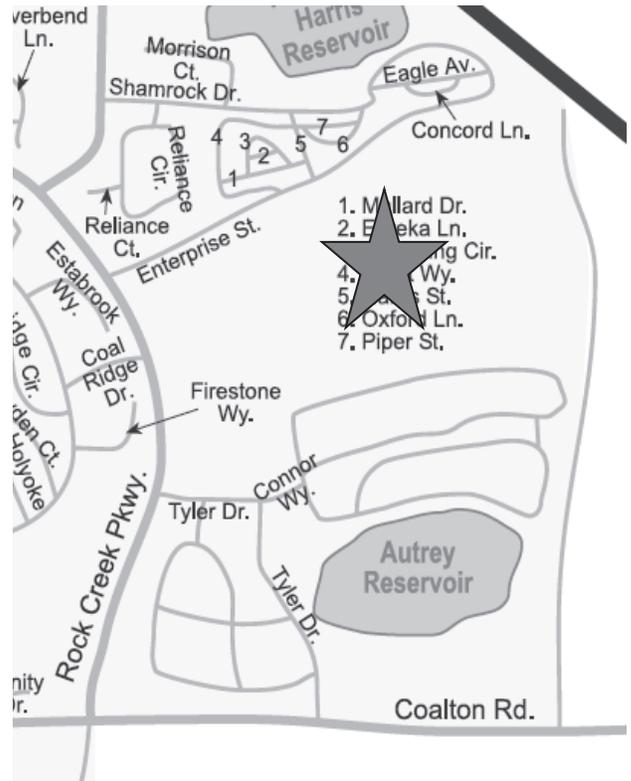
This project provides upgrades to various components that are responsible for automatic operation of the facility.

2013 - Two new computers, current controls software, and secure remote operator access to wastewater treatment plant's (WWTP) control system. Last computer and control software upgrade was done in 2006. Remote access enables operators to respond to many emergencies remotely and faster than traveling to the site.

2014 - Replace Serial Communications Network with Ethernet Communications Network. This will replace an obsolete communications network and enable communication between upgraded control system components.

ANNUAL OPERATING BUDGET IMPACT

\$ -



WWTP Access Gate Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Sewer Capital

BUDGET BY YEAR

2013 \$ 15,000

2014 -

2015 -

2016 -

2017 -

\$ 15,000 **Total Cost**

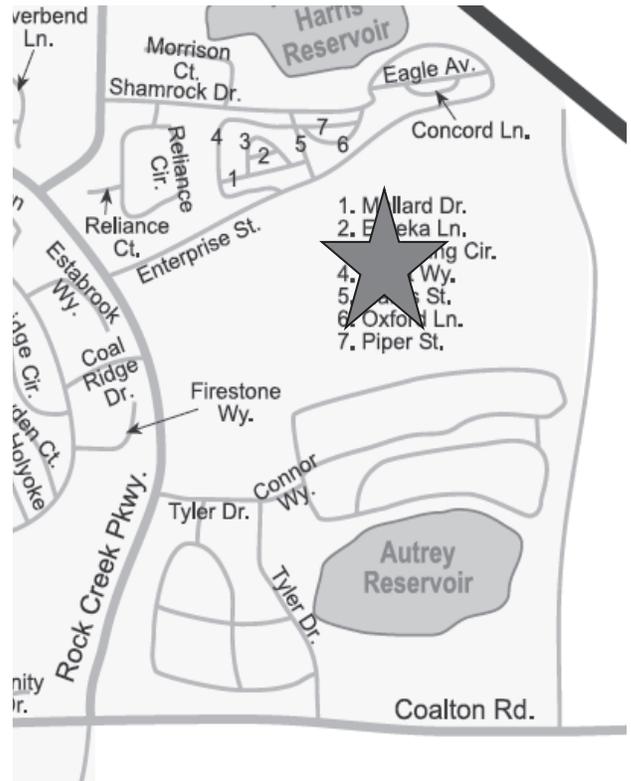
Total Cost \$ 15,000

PROJECT DESCRIPTION

This project provides for installation of a new access gate operating system at the wastewater treatment plant (WWTP) site. The existing system has been in operation since construction of the facility and experiences frequent malfunctions, a lot of times leaving the gate open, which is a security concern. Additionally, the current system cannot be opened remotely for chemical deliveries. Operating savings are expected in staff time as well as in costs for gate repair contractor.

ANNUAL OPERATING BUDGET IMPACT

\$ (1,000)



WWTP Office Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 10,000 Sewer Capital

BUDGET BY YEAR

2013 \$ 10,000

2014 -

2015 -

2016 -

2017 -

\$ 10,000 **Total Cost**

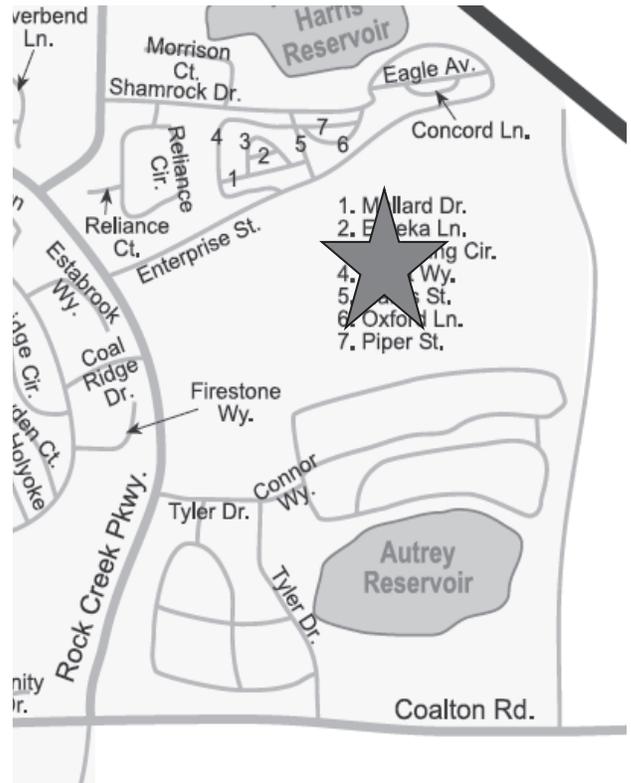
Total Cost \$ 10,000

PROJECT DESCRIPTION

This project provides upgrades for the wastewater treatment plant (WWTP) operations office and laboratory including air conditioning installation, new carpet in office, new tile in laboratory, procuring filing cabinets for record and plan storage, as well as equipment parts storage.

ANNUAL OPERATING BUDGET IMPACT

\$ -



WWTP Process Pump Maintenance

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Sewer Capital

BUDGET BY YEAR

2013 \$ 50,000

2014 -

2015 -

2016 -

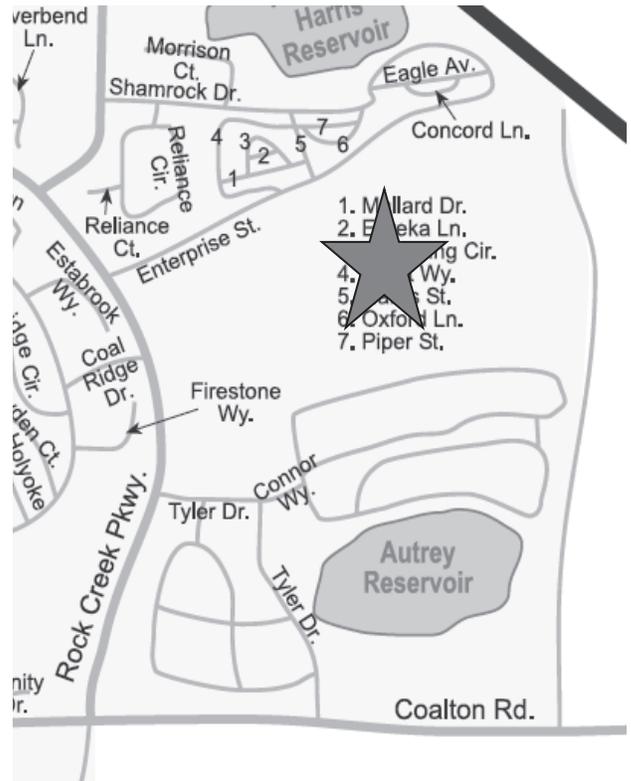
2017 -

\$ 50,000 **Total Cost**

Total Cost \$ 50,000

PROJECT DESCRIPTION

This project includes rebuilds of 8-12 process pumps, repair, replacement, and procurement of parts for sump pumps, as well as a purchase of a trash pump and hoses for plant operations use.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Controls Equipment Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Sewer Capital

BUDGET BY YEAR

2013 \$ 25,000

2014 -

2015 -

2016 -

2017 -

\$ 25,000 **Total Cost**

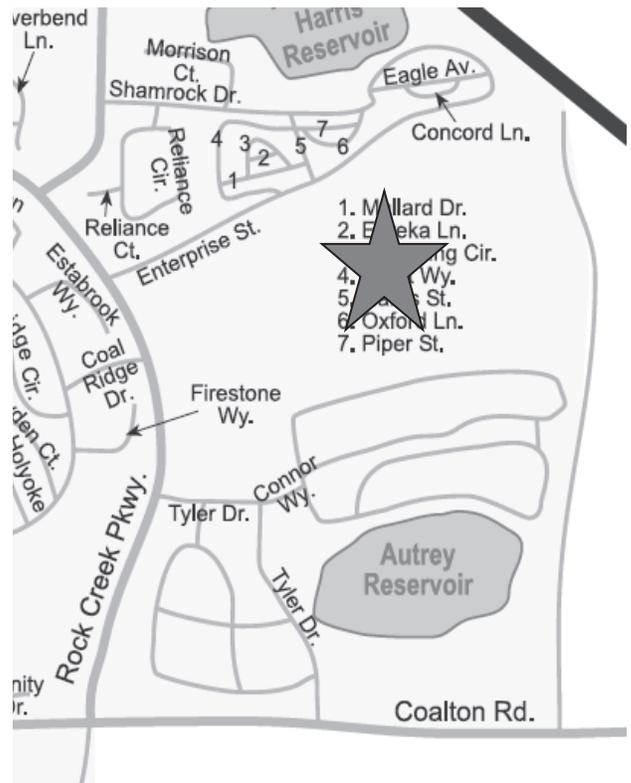
Total Cost \$ 25,000

PROJECT DESCRIPTION

This project provides for procurement of a portable discreet sampler as backup to existing samplers, which are no longer manufactured. The portable sampler will allow operations staff to better monitor treatment process. Additionally, several actuators that are nearing their design life and have failed in the past would be replaced. Lastly, turbidimeters removed from the water treatment plant (WTP) will be installed at wastewater treatment plant (WWTP).

ANNUAL OPERATING BUDGET IMPACT

\$ -



WWTP Equalization Pond Liner Repair

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 20,000 Sewer Capital

BUDGET BY YEAR

2013 \$ 20,000

2014 -

2015 -

2016 -

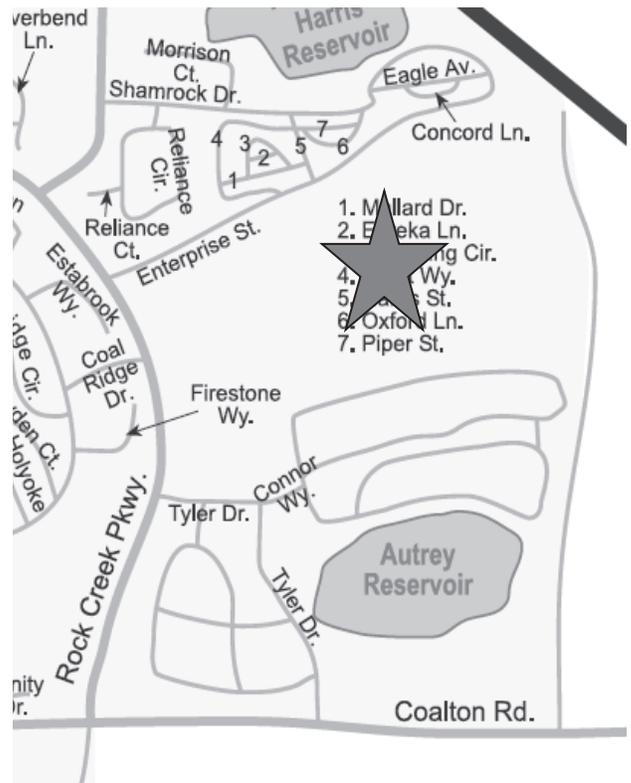
2017 -

\$ 20,000 **Total Cost**

Total Cost \$ 20,000

PROJECT DESCRIPTION

This scope includes a liner integrity assessment and repairing damaged liner in equalization ponds. This project is the result of inspection comments by Colorado Department of Public Health and Environment's inspector.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Process Equipment Repair

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 85,000 Sewer Capital

BUDGET BY YEAR

2013 \$ 85,000

2014 -

2015 -

2016 -

2017 -

\$ 85,000 **Total Cost**

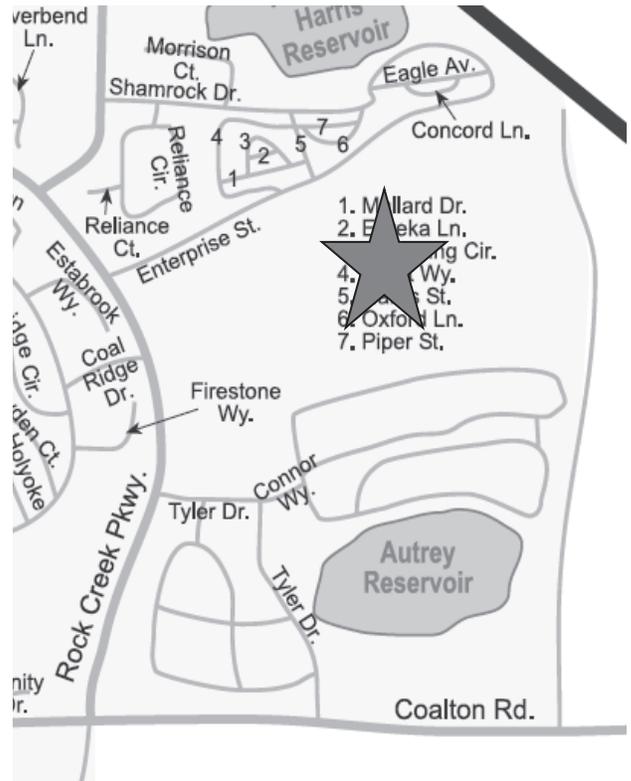
Total Cost \$ 85,000

PROJECT DESCRIPTION

This project includes repairing leaking chemical tanks, grit classifier rebuild, clarifier gearbox rebuild, scraper rebuild, blower rebuild and intake upgrades, mixer rebuild, installing process control sensors.

ANNUAL OPERATING BUDGET IMPACT

\$ -



Sanitary Sewer Manhole Rehabilitation

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Sewer Capital

BUDGET BY YEAR

2013 \$ 25,000

2014 25,000

2015 -

2016 -

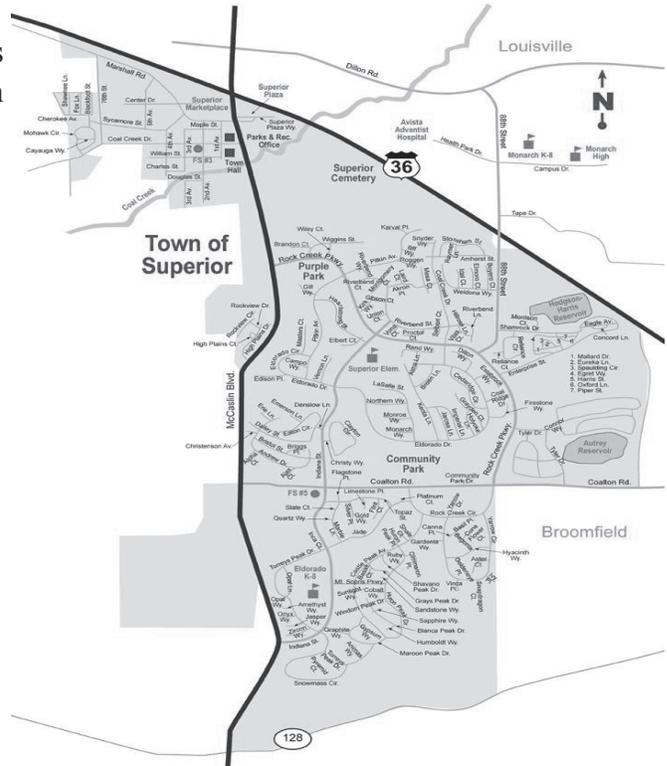
2017 -

\$ 25,000 **Total Cost**

Total Cost \$ 50,000

PROJECT DESCRIPTION

This project provides for rehabilitation of manholes with infiltration problems and damage from corrosive gasses.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Filter#1 Media & Underdrain Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 381,000 Sewer Capital

BUDGET BY YEAR

2013	\$ -
2014	381,000
2015	-
2016	-
2017	-

Total Cost
\$ 381,000

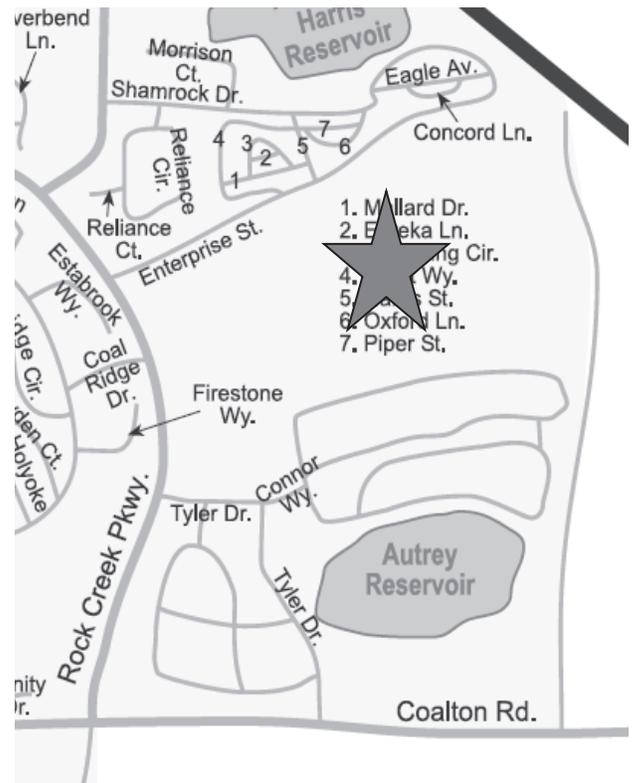
Total Cost \$ 381,000

PROJECT DESCRIPTION

This project provides for replacing the filter underdrain and media in Filter#1. Underdrains typically last 20 years, while Filter#1 underdrain has been in operation for 23 years. Filter underdrains must be replaced proactively because there are no visible signs of impending failure. Failure would result in operational challenges, and possibly water quality standard violations and fines.

ANNUAL OPERATING BUDGET IMPACT

\$ -



WWTP Chemical Pump Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Sewer Capital

\$ 15,000 **Total Cost**

BUDGET BY YEAR

2013	\$ -
2014	15,000
2015	-
2016	16,000
2017	-

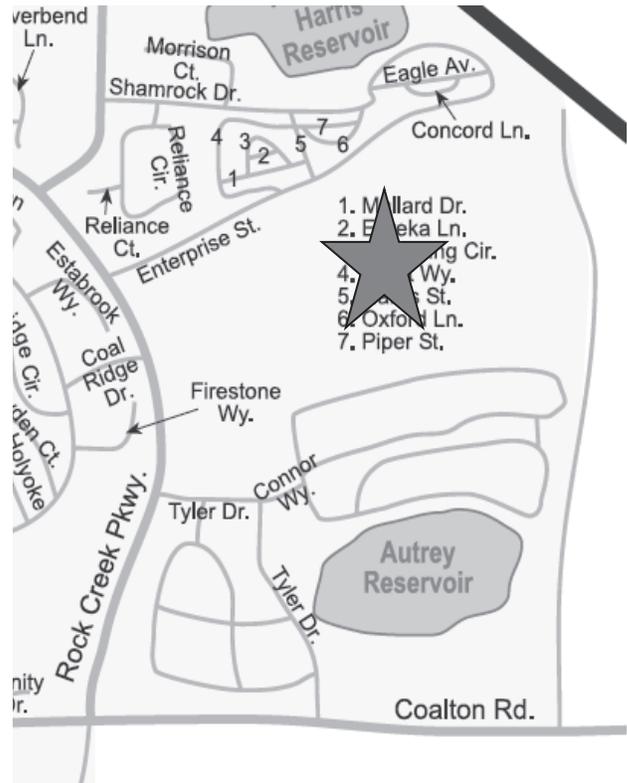
Total Cost \$ 31,000

PROJECT DESCRIPTION

This project provides for replacing 4 existing chemical pumps. Two pumps will be replaced in 2014 and two more in 2016. Existing pumps are not reliable and require expensive parts and operator rebuild time. Properly functioning chemical dosing pumps insure consistent effluent quality for irrigation, reduce the probability of water quality standards violation, and reduce solids accumulation rates in backwash and equalization ponds. Operating savings are expected from reduced replacement part orders.

ANNUAL OPERATING BUDGET IMPACT

\$ (1,000)



WWTP Secondary Clarifier Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 100,000 Sewer Capital

BUDGET BY YEAR

2013 \$ -

2014 -

2015 -

2016 100,000

2017 866,000

Total Cost \$ 100,000

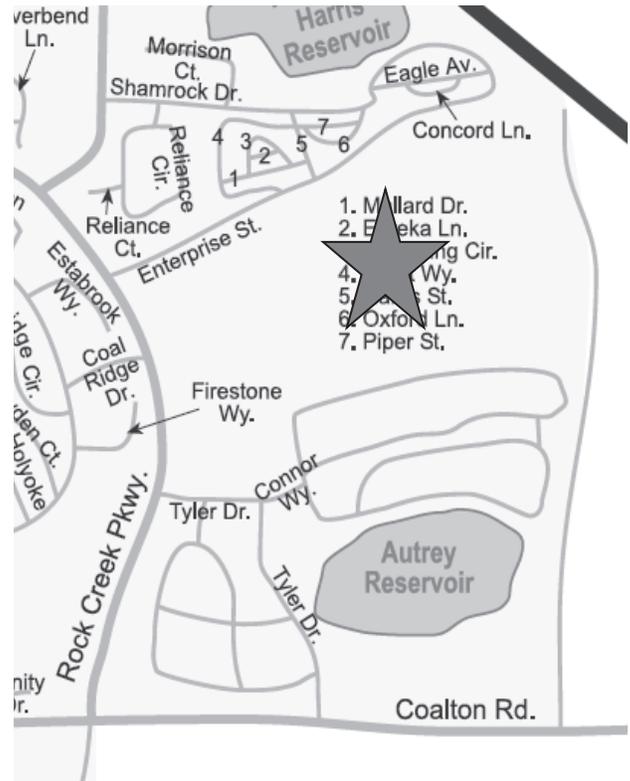
Total Cost \$ 966,000

PROJECT DESCRIPTION

This project provides for replacement of mechanical components for secondary clarifiers. Clarifier #1 components are 23 years old and Clarifier #2 are 12 years old. Both mechanisms are not performing adequately and were manufactured by a company that is no longer in service, which requires replacement parts be custom ordered with a long lead time. Clarifier #1 mechanism has already exceeded the 20-year expected design life. It is recommended to replace both clarifiers at the same time to improve wastewater treatment plant (WWTP) performance and save on contractor mobilization costs. New clarifier mechanisms will remove more solids, which would extend life of backwash and equalization ponds, new piping and water quality will allow WTP operation without filters outside of irrigation season, which will save electricity and chemical costs. Additional benefits are expected from better process control, such as reduced chance of a water quality regulation violation.

ANNUAL OPERATING BUDGET IMPACT

\$ (30,000)



WWTP Headworks Reconstruction

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 200,000 Sewer Capital

\$ 200,000 **Total Cost**

BUDGET BY YEAR

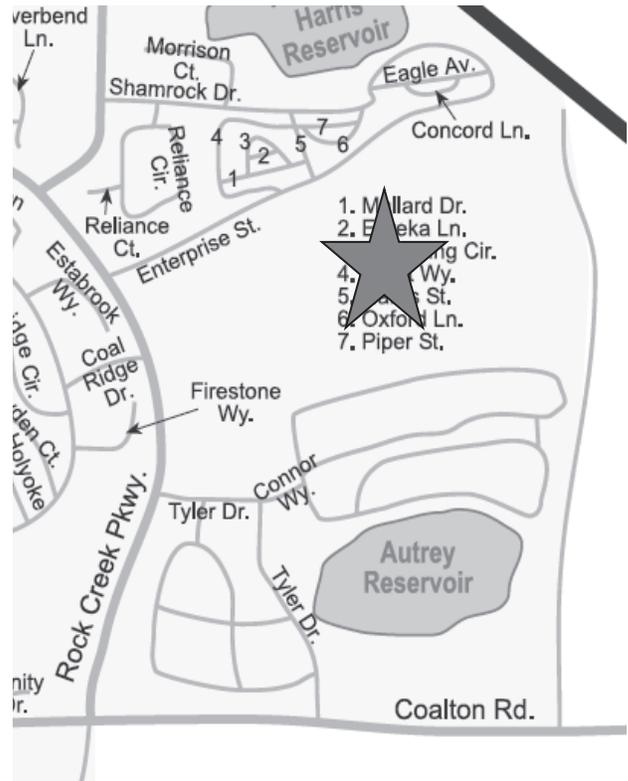
2013	\$	-
2014		-
2015		-
2016		-
2017		200,000
Total Cost	\$	200,000

PROJECT DESCRIPTION

This project provides for design of upgrades to the headworks portion of the Wastewater Treatment Plant. This upgrade is necessary to comply with new CDPHE criteria going into effect in 2022. This project will replace the existing grit removal system, which is incompatible with new standards. The new facility will comply with the current electrical and building codes, provide odor control, and accurate influent flow measurement.

ANNUAL OPERATING BUDGET IMPACT

\$ -



**2013 - 2017 Superior Metropolitan District No. 1
Storm Water Capital Improvement Program Budget Revenue (52)**

Acct #	Revenue	2013 Budget	2014 Projected Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget
36-6100	Interest Income	\$3,000	\$3,000	\$3,000	\$-	\$-
36-6341	Storm Water System Development Fees	13,000	40,000	50,000	70,000	64,000
36-6953	Transfer from Operation User Fees	40,000	1,800	-	18,700	-
	Use of / (Addition to) Net Assets	(16,000)	117,000	547,000	(70,000)	(64,000)
		\$40,000	\$161,800	\$600,000	\$18,700	\$-

**2013 - 2017 Superior Metropolitan District No. 1
Storm Water Capital Improvement Program Budget Expense (52-499)**

Acct #	Expense	2013 Budget	2014 Projected Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget
6082	Storm Water Manhole Steps Installation	\$40,000	\$-	\$-	\$-	\$-
6080	Coal Creek Basin Improvements	-	150,000	450,000	-	-
6300	Vehicle Replacement	-	1,800	-	18,700	-
6421	Building-PW/Parks Maint & Oper.	-	10,000	150,000	-	-
		\$40,000	\$161,800	\$600,000	\$18,700	\$-

Storm Water Manhole Steps Installation

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 40,000 Storm Capital

BUDGET BY YEAR

2013 \$ 40,000

2014 -

2015 -

2016 -

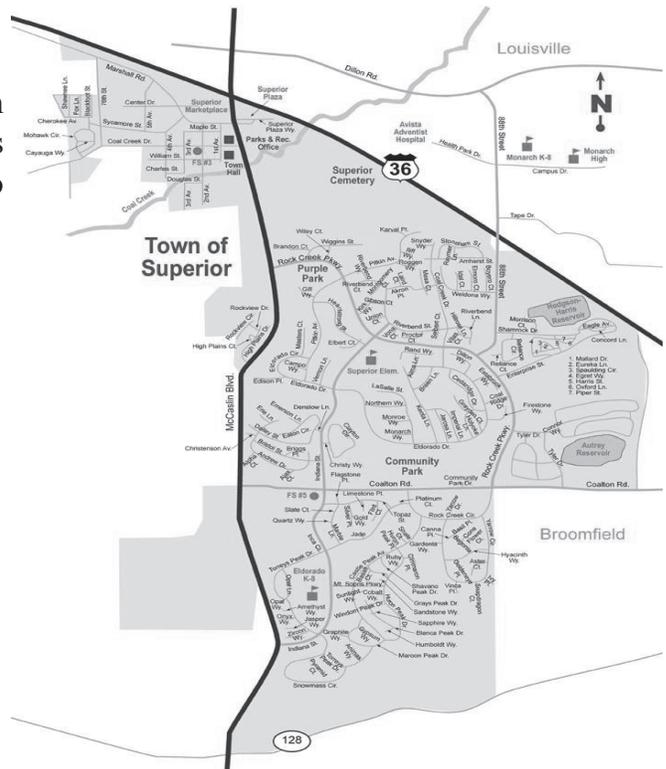
2017 -

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 the Town's maintenance crew.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Coal Creek Basin Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 150,000 Storm Capital

BUDGET BY YEAR

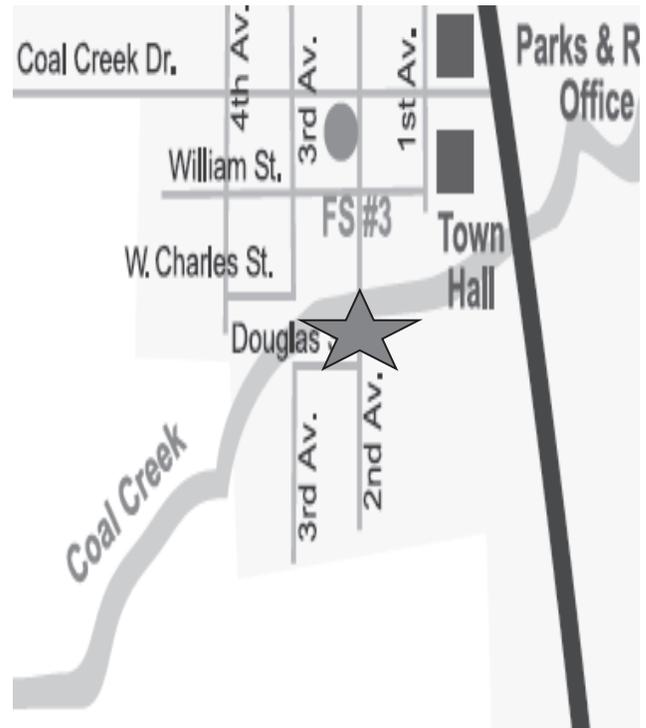
2013	\$ -
2014	150,000
2015	450,000
2016	-
2017	-

\$ 150,000 **Total Cost**

Total Cost \$ 600,000

PROJECT DESCRIPTION

Urban Drainage Flood Control District (UDFCD) and the Town undertook a joint project to update current Federal Emergency Management Agency (FEMA) and 2006 Kiowa Master Plan floodplain data. The study provided recommendations for minimizing floodplain impacts to properties adjacent to Coal Creek upstream of McCaslin Boulevard, including replacing the 2nd Avenue bridge and installing channel improvements upstream of 2nd Avenue. The project is expected to cost \$1,200,000 split between the Town and UDFCD. UDFCD has programmed \$150,000 in 2014 and \$300,000 in 2015. The Town is requesting another \$150,000 in 2016.



ANNUAL OPERATING BUDGET IMPACT

\$ -