

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.

2014 – 2018 Capital Improvement Program Budget Revenue (42)

Acct #	Revenues	2014 Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget
31-1300	Sales, Non SURA	\$173,000	\$176,000	\$180,000	\$183,000	\$186,000
31-1301	Sales, SURA	633,000	639,000	656,000	670,000	684,000
31-1310	Vehicle Use	67,500	67,500	67,500	67,500	67,500
31-1320	Building Use	65,000	20,000	20,000	20,000	9,000
36-6100	Interest Income	8,000	2,000	2,000	9,000	14,000
36-6340	Transportation Tax – BOCO	-	75,000	-	-	-
36-6840	Park Fee - Remington Development	45,000	30,000	45,000	39,000	39,000
36-6841	School Impact Fee - Remington Development	66,224	-	-	-	-
36-6910	Transfer from General Fund	390,000	1,625,000	1,510,000	1,425,000	1,150,000
	Use of / (Addition to) Fund Balance	1,377,076	(20,550)	(563,200)	(225,000)	277,500
		\$2,824,800	\$2,613,950	\$1,917,300	\$2,188,500	\$2,427,000

2014 – 2018 Capital Improvement Program Fund Budget Expense (42)

Acct #	Revenues	2014 Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget
Public Works and Utilities (430)						
6592	McCaslin-Coalton Roundabout Trail Improvements	\$20,000	\$-	\$-	\$-	\$-
6604	Street Replacement	2,200,000	1,200,000	1,500,000	1,500,000	1,500,000
6300	Vehicle Replacement	26,000	80,000	15,000	35,000	-
6243	Tri Annual Pavement Condition Index Update	25,000	-	-	25,000	-
6421	Building-PW/Parks Maint & Oper.	25,000	375,000	-	-	-
6593	Coalton Speed Radar Sign	20,000	-	-	-	-
6431	Facilities Master Plan	-	50,000	-	-	-
6241	Bridge Rail Painting	-	30,000	30,000	-	-
6242	Roadway and Street Design and Construction Standards	-	25,000	-	-	-
6652	Town Wide Traffic Signal Health Index Assessment	-	35,000	-	-	-
6594	Left-Turn Flashing Yellow Signal Heads	-	-	45,000	-	-
6593	White Raven Removal	-	-	-	-	75,000
		\$2,316,000	\$1,795,000	\$1,590,000	\$1,560,000	\$1,575,000

2014 – 2018 Capital Improvement Program Fund Budget Expense (42)

Acct #	Revenues	2014 Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget
Parks, Rec, Open Space (426)						
6360	Trail Improvements	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
6351	Comm/Rec Center Feasibility Study	30,000	-	-	-	-
6421	Building-PW/Parks Maint. & Oper.	25,000	375,000	-	-	-
6532	ADA Swing at two parks	5,000	-	-	-	-
6533	Park Furniture Replacement	22,500	22,500	22,500	22,500	-
3480	Pool Repairs & Improvements	48,000	71,000	71,000	60,000	60,000
6290	Tree and Plant Enhancements	40,000	42,000	44,000	46,000	48,000
6341	Ballfield Improvements	14,000	14,000	14,000	14,000	14,000
6300	Vehicle Replacement	4,800	7,950	10,800	-	-
6531	Drinking Fountain Replacement	5,000	7,500	-	-	-
6534	South Pool Playground Tile Replacement	50,000	-	-	-	-
6535	Historical Museum and Grasso Park Improvements	-	5,000	5,000	-	-
6536	McCaslin/Indiana Landscape Enhance	-	75,000	-	-	-
6291	Soil Conditioning and Gypsum Treatment	-	10,000	-	11,000	-
6150	Tennis Court Improvements	-	-	5,000	-	5,000
6537	Coalton Corridor Enhancements	-	-	-	225,000	-
6520	Shrub Bed Renovation	-	-	-	50,000	50,000
6551	Ball Field Fence Replacement	-	-	-	60,000	-
6538	School Parcel Improvements	-	-	-	-	250,000
6539	Eldorado K-8 Field Improvements	-	-	-	-	250,000
		\$344,300	\$729,950	\$272,300	\$588,500	\$777,000

2014 – 2018 Capital Improvement Program Fund Budget Expense (42)

Acct #	Revenues	2014 Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget
Other (490)						
6010	Environmental “Green” Enhancements	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
6100	Server Replacement	15,000	15,000	15,000	15,000	-
6331	Bus Stop Shelters	24,500	24,000	-	-	-
6971	Generator at Town Hall	75,000	-	-	-	-
6972	Fire Station Building Repairs	25,000	-	-	-	-
6300	Vehicle Replacement	-	25,000	-	-	-
6890	Monument Signage	-	-	15,000	-	-
6140	Board Room Broadcast Equipment Replacement	-	-	-	-	50,000
		\$164,500	\$89,000	\$55,000	\$40,000	\$75,000
Total Capital Projects		\$2,824,800	\$2,613,950	\$1,917,300	\$2,188,500	\$2,427,000

McCaslin-Coalton Roundabout Trail Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 20,000 Governmental Capital

BUDGET BY YEAR

2014 \$ 20,000

2015 -

2016

2017 -

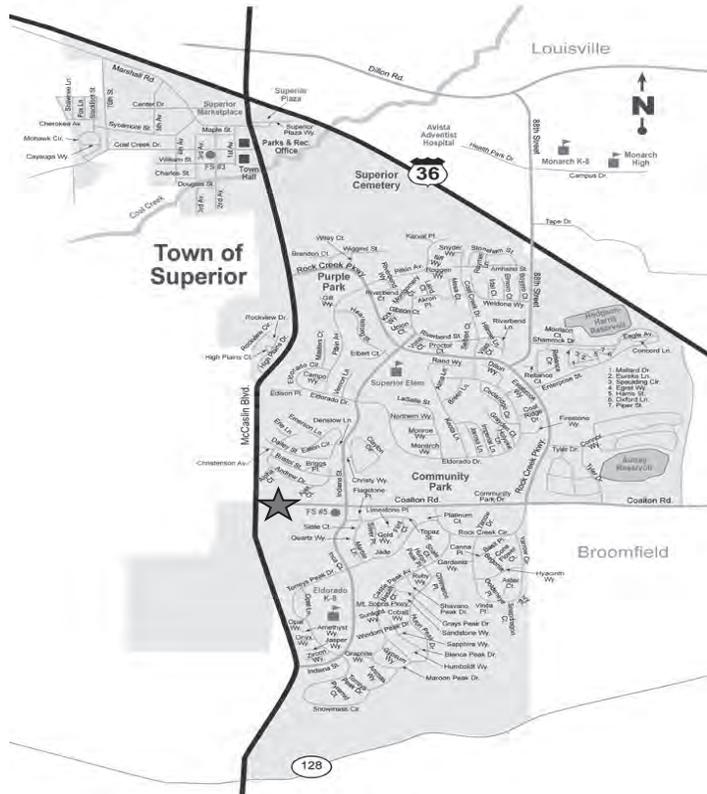
2018 -

\$ 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 an inlet and associated storm piping to convey stormwater to an existing swale to the southeast of the drainage issue. Topsoil and native landscaping would be added. Boulder County Transportation to reimburse the Town for this project in 2015.



ANNUAL OPERATING BUDGET

\$ -

Street Replacement Program

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 2,200,000 Governmental Capital

BUDGET BY YEAR

2014 \$ 2,200,000

2015 1,200,000

2016 1,500,000

2017 1,500,000

2018 1,500,000

\$ 2,200,000 **Total Cost**

Total Cost \$ 7,900,000

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.

2014 - Creekside, South Portion (\$894k), Waterford (\$430k), Indiana (Rock Creek Pkwy to Eldorado Drive) (\$460k), Rock Creek Pkwy, (88th St to Honey Creek Lane) (\$166k)

2015 - Creekside, North Portion (\$1,000), Chip-seal Rock Creek Circle

2016 - Rock Creek Pkwy, remainder (Honey Creek to Coalton) (384k), Chip Seal McCaslin North, Coalton,

2017 - Chip-seal Rock Creek Pkwy (McCaslin to 88th), 88th and McCaslin (RCP to Coalton)

2018 - Chip-seal Indiana South (Coalton to McCaslin) & Multiple Neighborhood Slurry Seal

ANNUAL OPERATING BUDGET IMPACT

\$ -



Vehicle Replacement, Purchase

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 26,000	Governmental Capital
13,000	Water Capital
7,800	Sewer Capital
5,200	Storm Capital

BUDGET BY YEAR

2014	\$ 52,000
2015	160,000
2016	30,000
2017	35,000
2018	<u>200,000</u>

\$ 52,000 **Total Cost**

Total Cost \$ 477,000

PROJECT DESCRIPTION

2014 - Replacement of Ford Ranger pickup truck (104), new vehicle for construction inspector, split between GF, Water, Sewer and Storm.

2015 - Replacement roll-off truck (106) 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.

ANNUAL OPERATING BUDGET IMPACT

\$ 1,000

Tri Annual Pavement Condition Index Update

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Governmental Capital

BUDGET BY YEAR

2014 \$ 25,000

2015 -

2016 -

2017 25,000

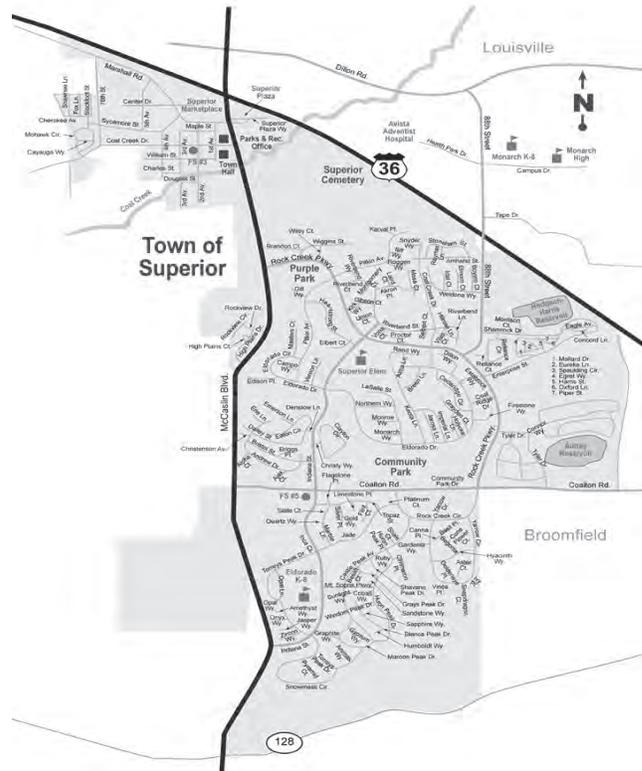
2018 -

\$ 25,000 **Total Cost**

Total Cost \$ 50,000

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

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

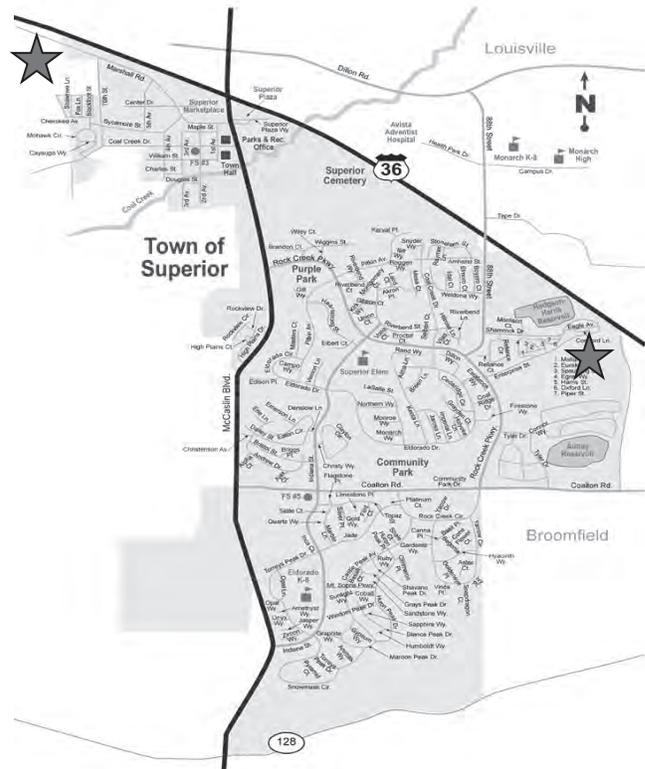
BUDGET BY YEAR

2014	\$ 100,000
2015	1,500,000
2016	-
2017	-
2018	-
<hr/>	
Total Cost	\$ 1,600,000

PROJECT DESCRIPTION

2014 - Design of PW & Parks Maintenance Operations Building.

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

Coalton Speed Radar Signs

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 20,000 Governmental Capital

BUDGET BY YEAR

2014 \$ 20,000

2015 -

2016 -

2017 -

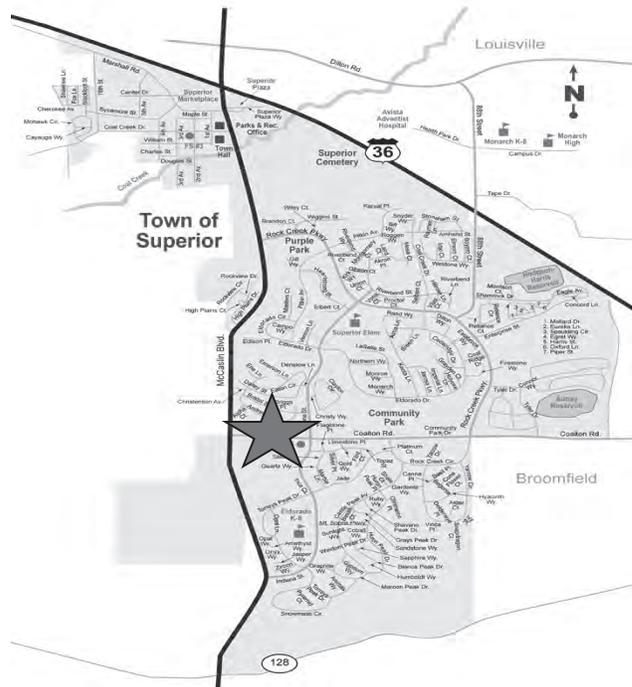
2018 -

\$ 20,000 **Total Cost**

Total Cost \$ 20,000

PROJECT DESCRIPTION

In order to address speeding along the western section of Coalton, this project will install two speed radar signs. One will be installed for each direction.



ANNUAL OPERATING BUDGET IMPACT

\$ 500

Facilities Master Plan

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Governmental Capital

BUDGET BY YEAR

2014 \$ -

2015 50,000

2016 -

2017 -

2018 -

\$ 50,000 **Total Cost**

Total Cost \$ 50,000

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

\$ -

Bridge Rail Painting

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 30,000 Governmental Capital

BUDGET BY YEAR

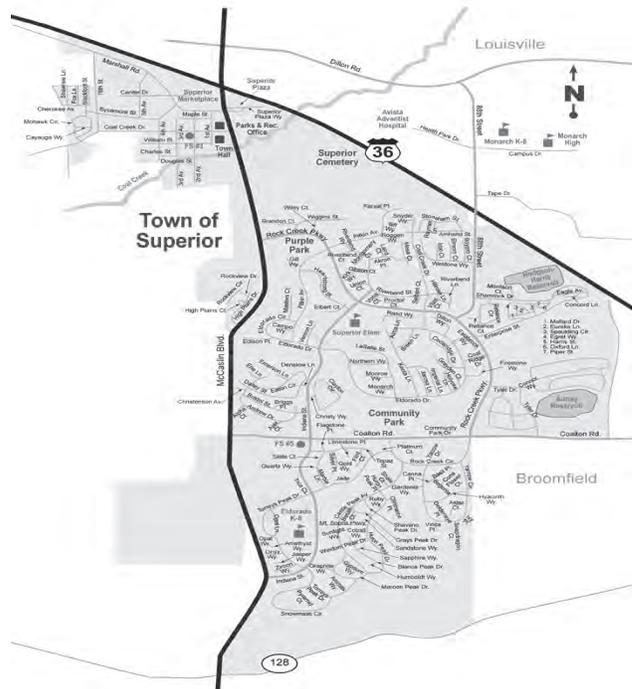
2014	\$ -
2015	30,000
2016	30,000
2017	-
2018	-

\$ 30,000 **Total Cost**

Total Cost \$ 60,000

PROJECT DESCRIPTION

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



ANNUAL OPERATING BUDGET IMPACT

\$ -

Roadway and Street Design and Construction Standards

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Governmental Capital

BUDGET BY YEAR

2014	\$ -
2015	25,000
2016	-
2017	-
2018	-

\$ 25,000 **Total Cost**

Total Cost \$ 25,000

PROJECT DESCRIPTION

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

ANNUAL OPERATING BUDGET IMPACT

\$ -

Town Wide Traffic Signal Health Index Assessment

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 35,000 Governmental Capital

BUDGET BY YEAR

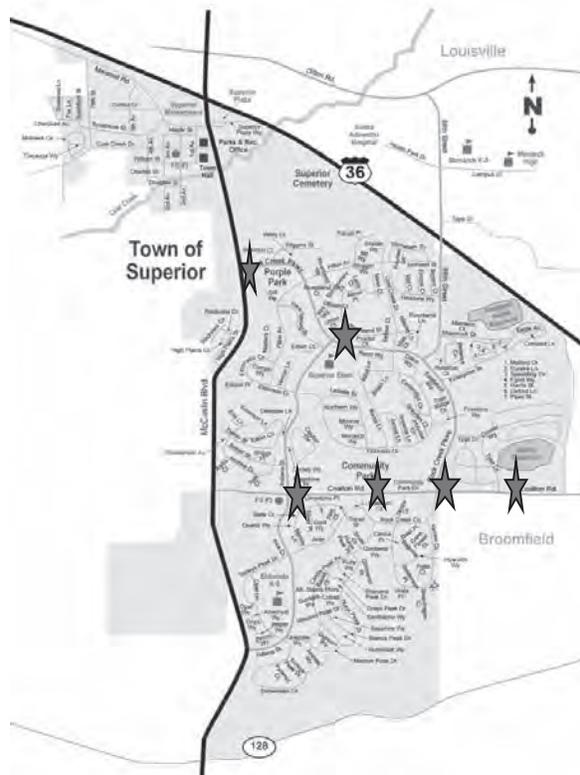
2014	\$ -
2015	35,000
2016	-
2017	-
2018	-

\$ 35,000 **Total Cost**

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

\$ -

Left-Turn Flashing Yellow Traffic Signal Heads

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 45,000 Governmental Capital

BUDGET BY YEAR

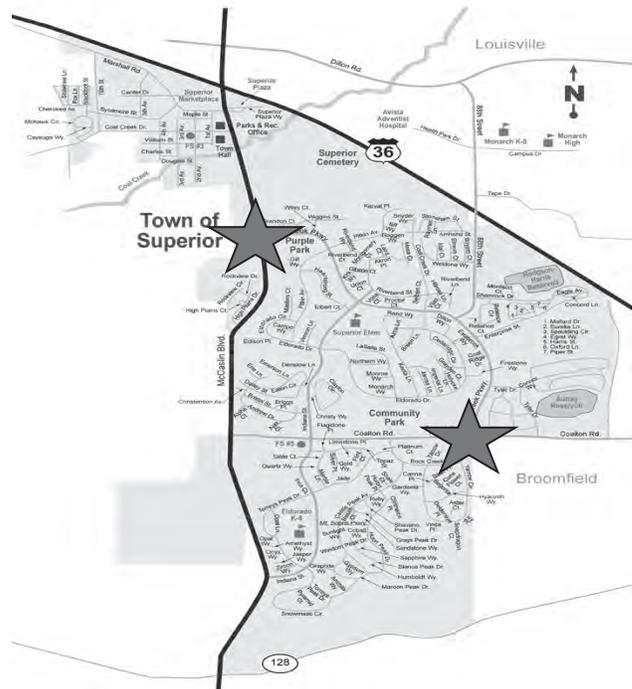
2014 \$ -
 2015 -
 2016 45,000
 2017 -
 2018 -

\$ 45,000 **Total Cost**

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

\$ -

White Raven Removal

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 75,000 Governmental Capital

BUDGET BY YEAR

2014 \$ -

2015 -

2016 -

2017 -

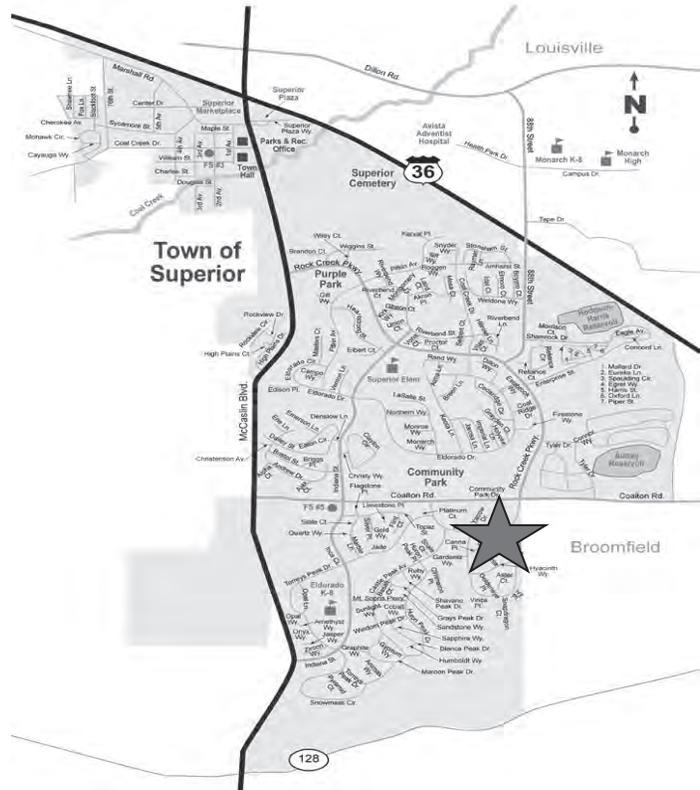
2018 75,000

Total Cost
\$ 75,000

Total Cost \$ 75,000

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 construct 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

\$ 30,000 Governmental Capital

\$ 30,000 **Total Cost**

BUDGET BY YEAR

2014 \$ 30,000

2015 -

2016 -

2017 -

2018 -

Total Cost \$ 30,000

PROJECT DESCRIPTION

This would continue project started in 2013 to 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

\$ -

ADA Swing Installation at two parks

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 5,000 Governmental Capital

BUDGET BY YEAR

2014 \$ 5,000

2015 -

2016 -

2017 -

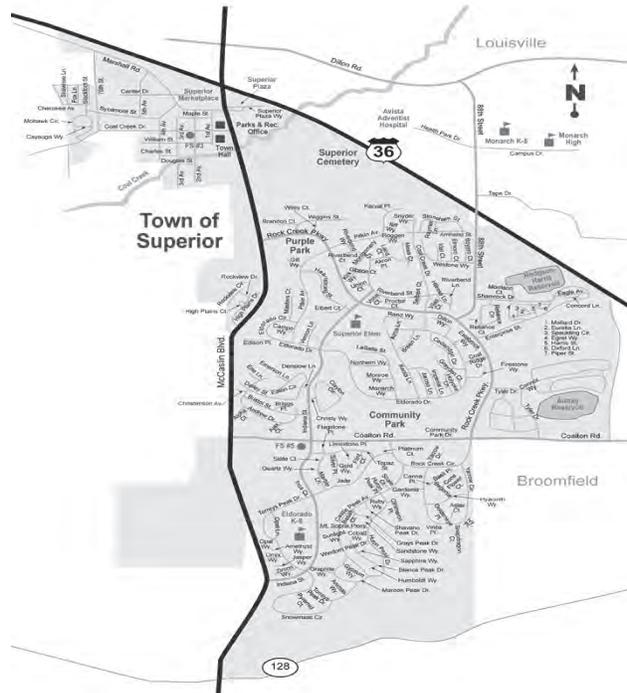
2018 -

\$ 5,000 **Total Cost**

Total Cost \$ 5,000

PROJECT DESCRIPTION

Install two (2) ADA complaint molded bucket seat swings. Install one (1) swing at a playground location north of Coalton Road, and one (1) swing at a playground location south of Coalton Road. Swings can be mounted in existing swing-bays in place of outdated baby-bucket swings.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Park Furniture Replacement

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 22,500 Governmental Capital

BUDGET BY YEAR

2014 \$ 22,500

2015 22,500

2016 22,500

2017 22,500

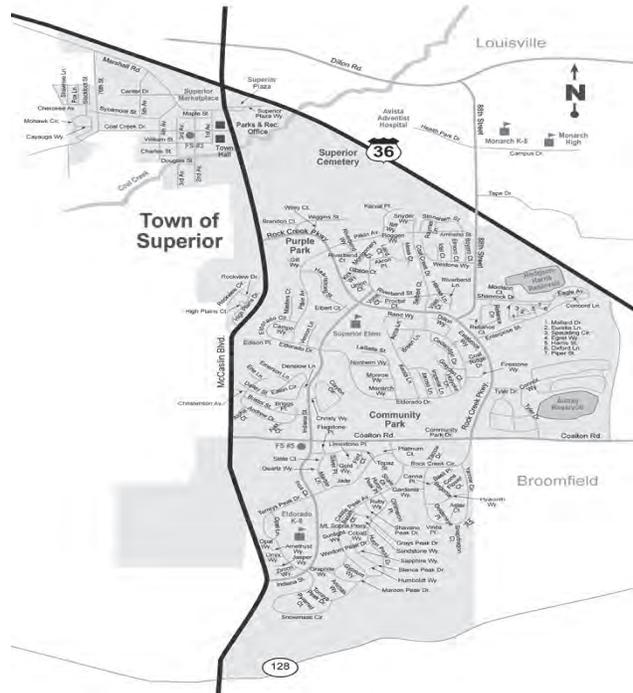
2018 -

Total Cost
\$ 22,500

Total Cost
\$ 90,000

PROJECT DESCRIPTION

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



ANNUAL OPERATING BUDGET IMPACT

\$ -

Pool Repairs and Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 48,000 Governmental Capital

BUDGET BY YEAR

2014 \$ 48,000

2015 71,000

2016 71,000

2017 60,000

2018 60,000

\$ 48,000 **Total Cost**

Total Cost \$ 310,000

PROJECT DESCRIPTION:

2014: Replaster and retile South baby pool; replace filter media; finish furniture replacement; baby pool winterization covers; upright vac for North Pool.

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.

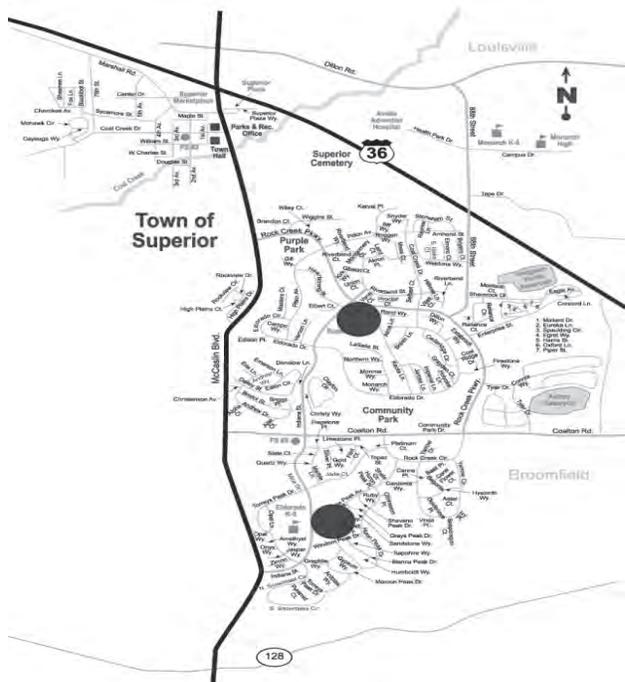
2016: Exterior pressure wash and painting; replace gates, North Pool fence; Replace North baby pool boiler; South Pool picnic tables; recaulk deck seems; level broken concrete.

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.

ANNUAL OPERATING BUDGET IMPACT

\$ -



Community Park Ballfield Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 14,000 Governmental Capital

BUDGET BY YEAR

2014 \$ 14,000

2015 14,000

2016 14,000

2017 14,000

2018 14,000

Total Cost \$ 14,000

Total Cost \$ 70,000

PROJECT DESCRIPTION:

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



ANNUAL OPERATING BUDGET IMPACT

\$ -

Drinking Fountain Replacement

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 5,000 Governmental Capital

BUDGET BY YEAR

2014 \$ 5,000

2015 7,500

2016 -

2017 -

2018 -

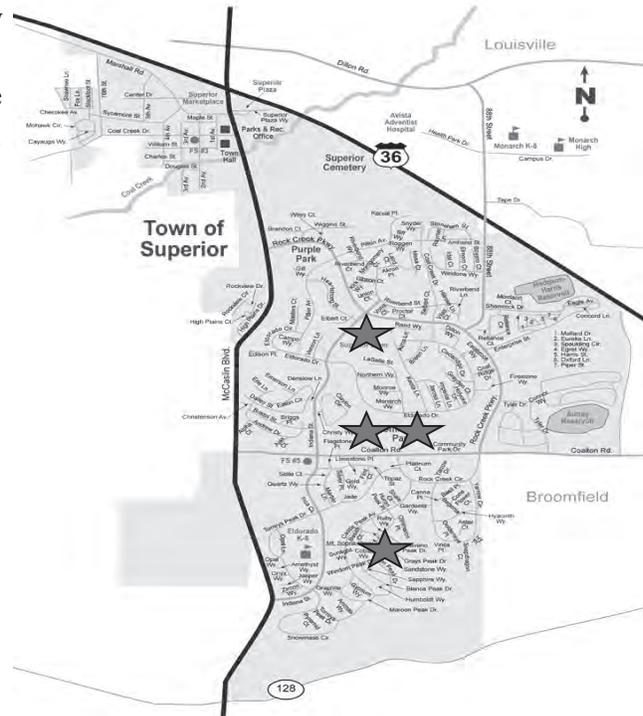
Total Cost \$ 5,000

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)

South Pool Playground Tile Replacement

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Governmental Capital

BUDGET BY YEAR

2014 \$ 50,000

2015 -

2016 -

2017 -

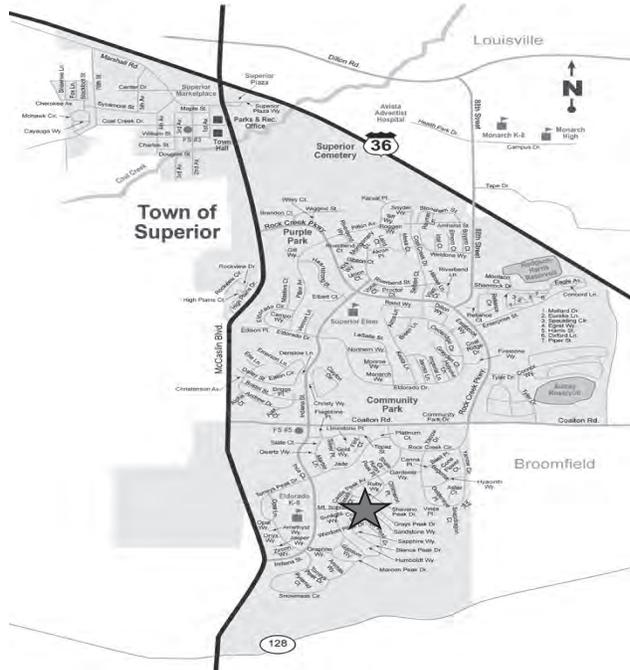
2018 -

\$ 50,000 **Total Cost**

Total Cost \$ 50,000

PROJECT DESCRIPTION

Remove existing rubber playground surface tiles and replace with poured-in-place material to fit custom concrete perimeter. Existing surface tiles have deteriorated and shrank in size resulting in trip hazards and surface gaps.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Historical Museum and Grasso Park Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 5,000 Governmental Capital

BUDGET BY YEAR

2014	\$ -
2015	5,000
2016	5,000
2017	-
2018	-

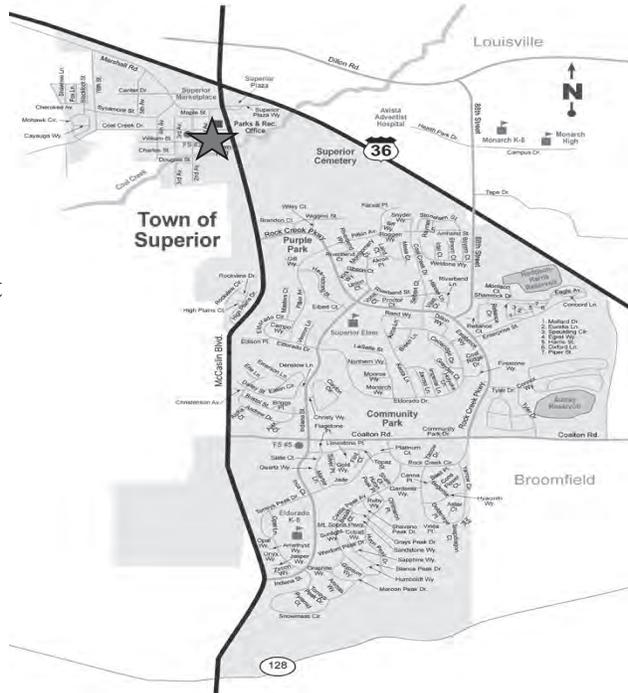
\$ 5,000 **Total Cost**

Total Cost \$ 10,000

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

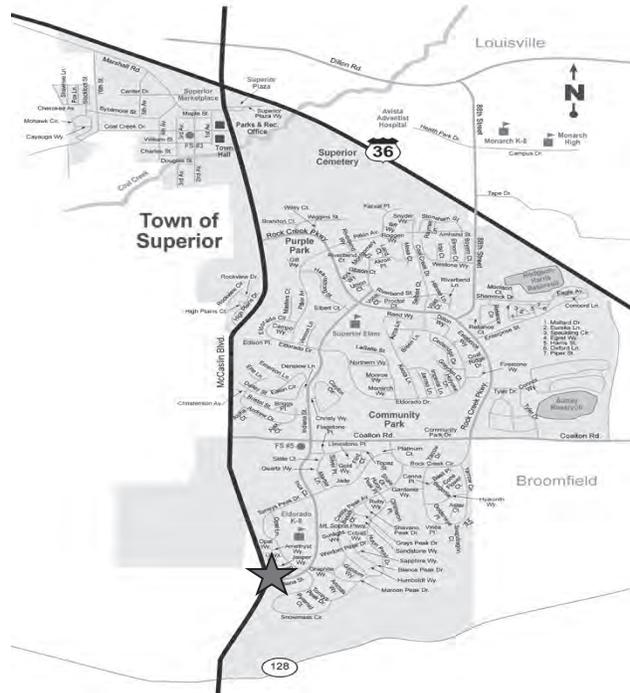
2014	\$	-
2015		75,000
2016		-
2017		-
2018		-

\$ 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

Soil Conditioning and Gypsum Treatment

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 10,000 Governmental Capital

BUDGET BY YEAR

2014 \$ -

2015 10,000

2016 -

2017 11,000

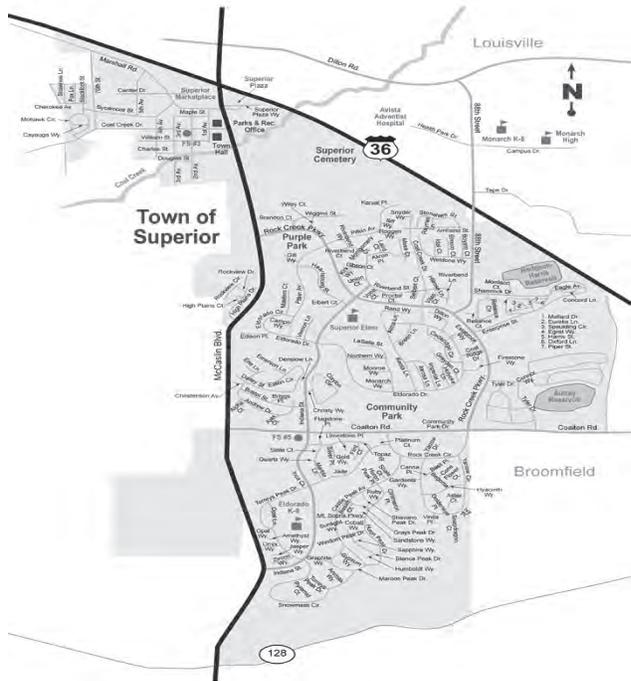
2018 -

Total Cost \$ 10,000

Total Cost \$ 21,000

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

\$ -

Tennis Court Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 5,000 Governmental Capital

BUDGET BY YEAR

2014	\$ -
2015	-
2016	5,000
2017	-
2018	5,000

\$ 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

\$ -

Coalton Corridor Irrigation and Landscape Enhancements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 225,000 Governmental Capital

BUDGET BY YEAR

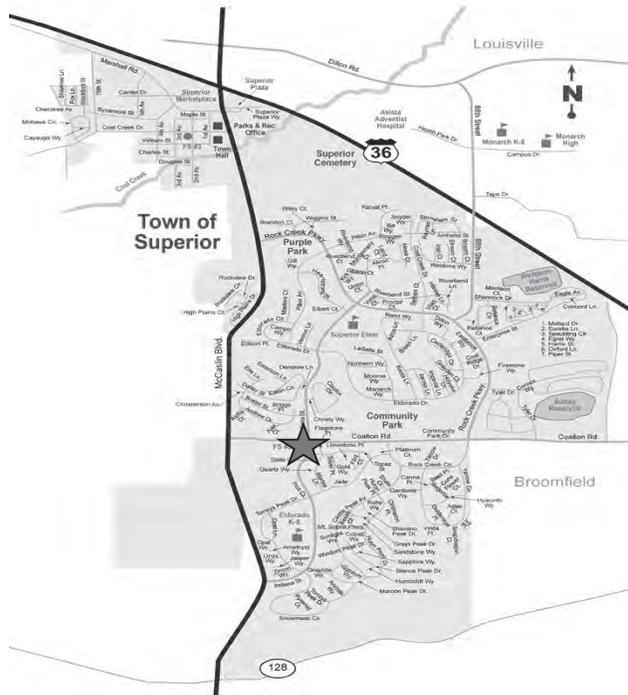
2014	\$ -
2015	-
2016	-
2017	225,000
2018	-

Total Cost
\$ 225,000

Total Cost \$ 225,000

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 totalling 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

Shrub Bed Renovation

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Governmental Capital

BUDGET BY YEAR

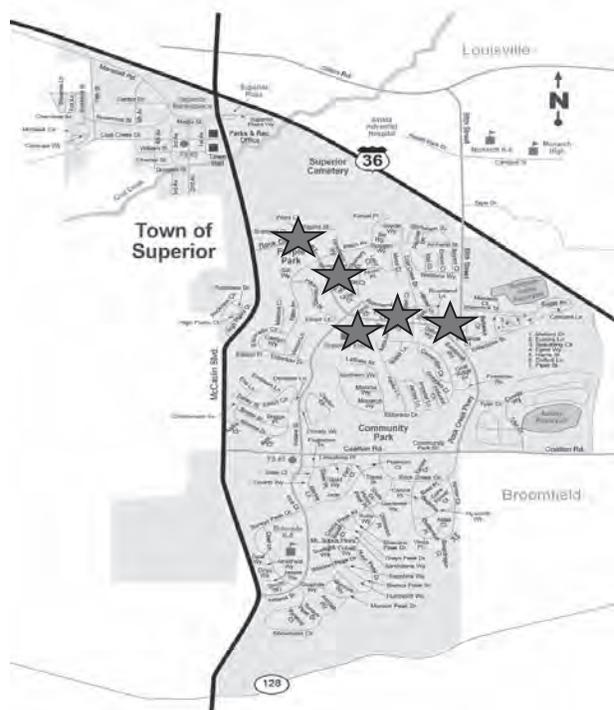
2014	\$ -
2015	-
2016	-
2017	50,000
2018	50,000

\$ 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

\$ -

Scanlon/Stewart Ballfields Fence Replacement

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 60,000 Governmental Capital

BUDGET BY YEAR

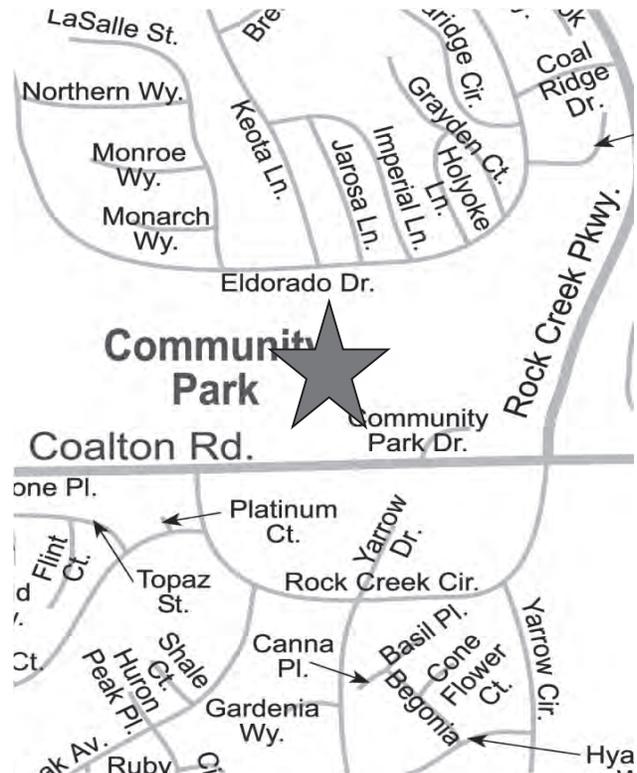
2014	\$ -
2015	-
2016	-
2017	60,000
2018	-

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

School Parcel Improvements

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 250,000 Governmental Capital

BUDGET BY YEAR

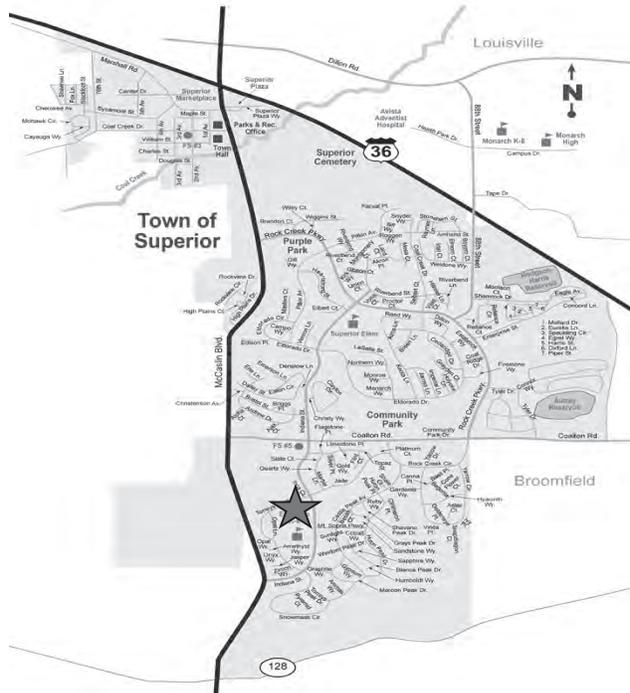
2014	\$	-
2015		-
2016		-
2017		-
2018		250,000

Total Cost
\$ 250,000

Total Cost \$ 250,000

PROJECT DESCRIPTION

Design of park at school parcel at Torreys Peak and Indiana Street.



ANNUAL OPERATING BUDGET IMPACT

\$ 110,000

Eldorado K-8 Field Improvement

PROS Project

FIRST YEAR FUNDING SOURCE

\$ 250,000 Governmental Capital

BUDGET BY YEAR

2014 \$ -

2015 -

2016 -

2017 -

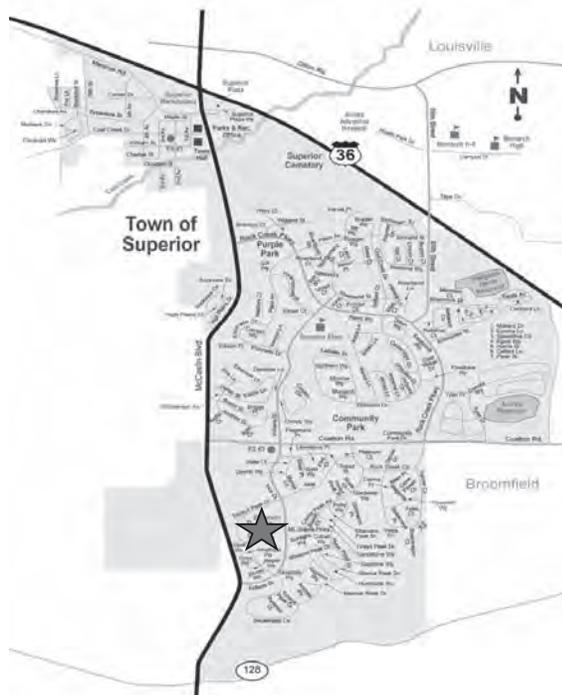
2018 250,000

\$ 250,000 **Total Cost**

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

\$ -

Environmental "Green" Enhancements

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Governmental Capital

BUDGET BY YEAR

2014 \$ 25,000

2015 25,000

2016 25,000

2017 25,000

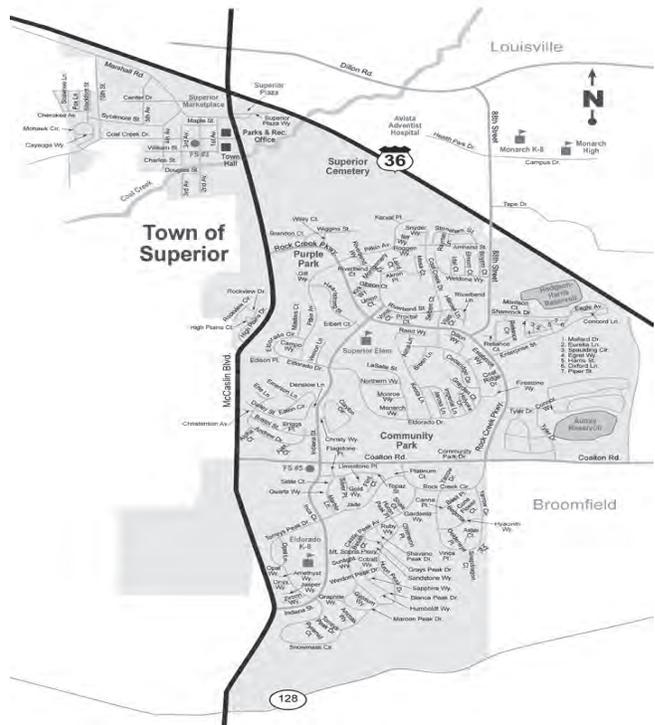
2018 25,000

Total Cost \$ 25,000

Total Cost \$ 125,000

PROJECT DESCRIPTION:

New environmental "green" enhancements within the Town. This includes possible projects such as: Electric Car Chargers



ANNUAL OPERATING BUDGET IMPACT

TBD

Server Replacement

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Governmental Capital

BUDGET BY YEAR

2014 \$ 15,000

2015 15,000

2016 15,000

2017 15,000

2018 -

\$ 15,000 **Total Cost**

Total Cost \$ 60,000

PROJECT DESCRIPTION:

Servers are on a 5 year replacement schedule

2014 - Replace Main Server

2015 - Replace Caselle

2016 - Replace Laserfiche

2017 - Replace GIS

ANNUAL OPERATING BUDGET IMPACT

\$ -

Bus Stop Shelters

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 24,500 Governmental Capital

BUDGET BY YEAR

2014 \$ 24,500

2015 24,000

2016 -

2017 -

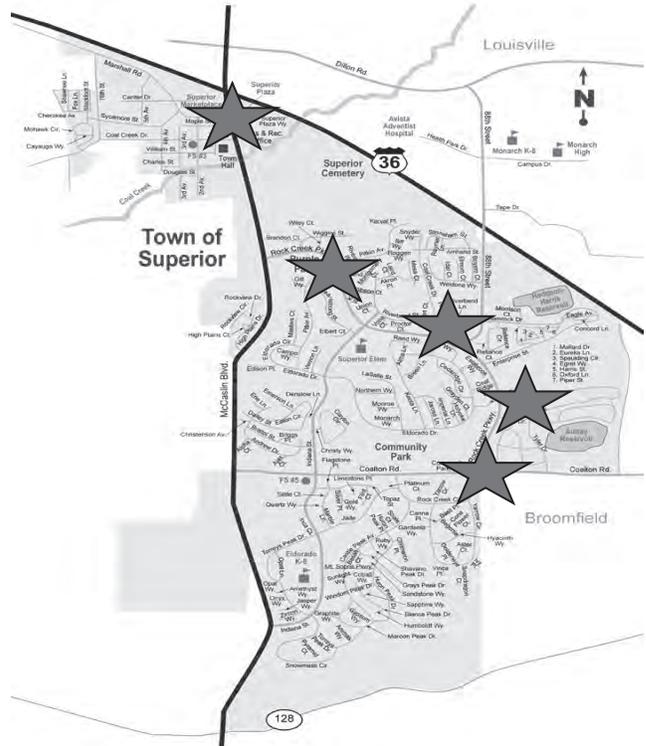
2018 -

Total Cost \$ 24,500

Total Cost \$ 48,500

PROJECT DESCRIPTION:

The Town began installing bus shelters in 2012 with concrete pads to support Bus Shelters located at stops throughout Town. Two more shelters were installed in 2013 at \$8,000 each. The Town will install 3 bus shelters in 2014 and 3 in 2015. There will be 10 bus shelters installed overall. The 2014 budget also includes the installation of a concrete pad at Town Hall.



ANNUAL OPERATING BUDGET IMPACT

\$ 1,200 \$600/year per shelter for Maintenance

Generator at Town Hall

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 75,000 Governmental Capital

BUDGET BY YEAR

2014 \$ 75,000

2015 -

2016 -

2017 -

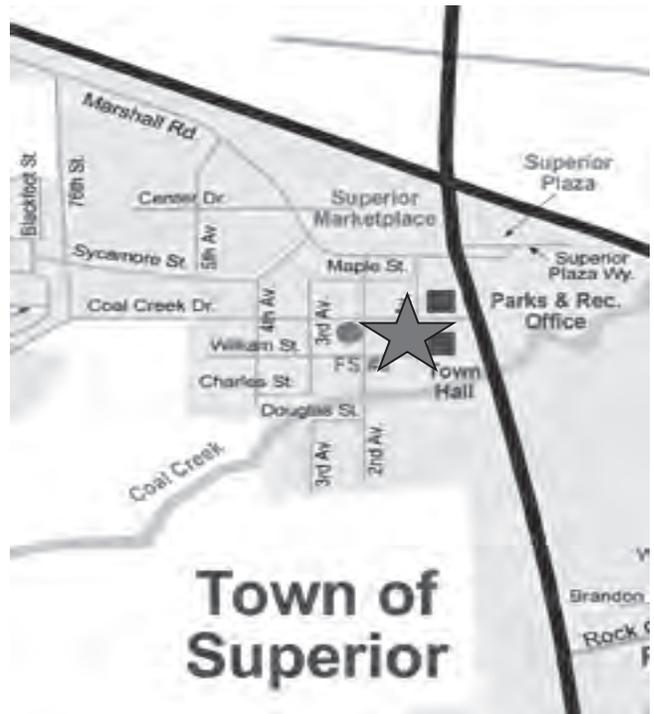
2018 -

\$ 75,000 **Total Cost**

Total Cost \$ 75,000

PROJECT DESCRIPTION:

Town Hall is currently not served by an emergency back-up power source. In times of electrical outages critical voice, data, and other building functions are not available. The Town has experienced power outages in the recent past. A generator would allow Town functions to remain operational at all times even during a power outage. Town staff researched options for emergency power and recommends a natural gas fueled 60 KW 120/240 single phase generator designed to power on seamlessly at Town Hall during times of power outages.



ANNUAL OPERATING BUDGET IMPACT

\$ 3,000 Beginning 2015

Fire Station Building Repairs

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Governmental Capital

BUDGET BY YEAR

2014 \$ 25,000

2015 -

2016 -

2017 -

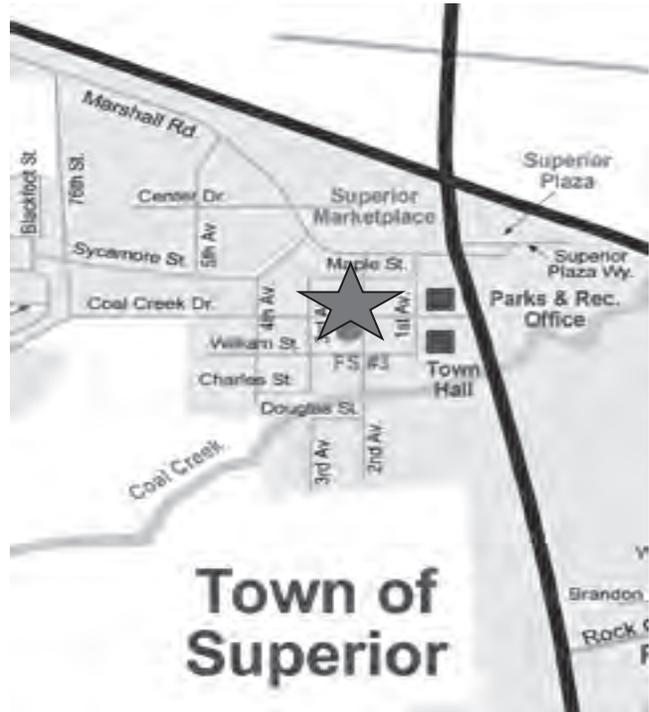
2018 -

\$ 25,000 **Total Cost**

Total Cost \$ 25,000

PROJECT DESCRIPTION

The Fire Station Building at 206 Coal Creek Dr requires exterior building repairs in order to remain a safe and adequate working space for the Parks and Recreation staff. Maintenance needs include repairs to exterior masonry, door and windows, siding and trim, paint and general repairs.



ANNUAL OPERATING BUDGET IMPACT

\$ (500)

Vehicle Replacement

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Governmental Capital

BUDGET BY YEAR

2014	\$ -
2015	25,000
2016	-
2017	-
2018	-
Total Cost	\$ 25,000

\$ 25,000 **Total Cost**

PROJECT DESCRIPTION:
2015 - Replacement of staff vehicle.

ANNUAL OPERATING BUDGET IMPACT

\$ -

Monument Signs

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 15,000 Governmental Capital

BUDGET BY YEAR

2014	\$	-
2015		-
2016		15,000
2017		-
2018		-

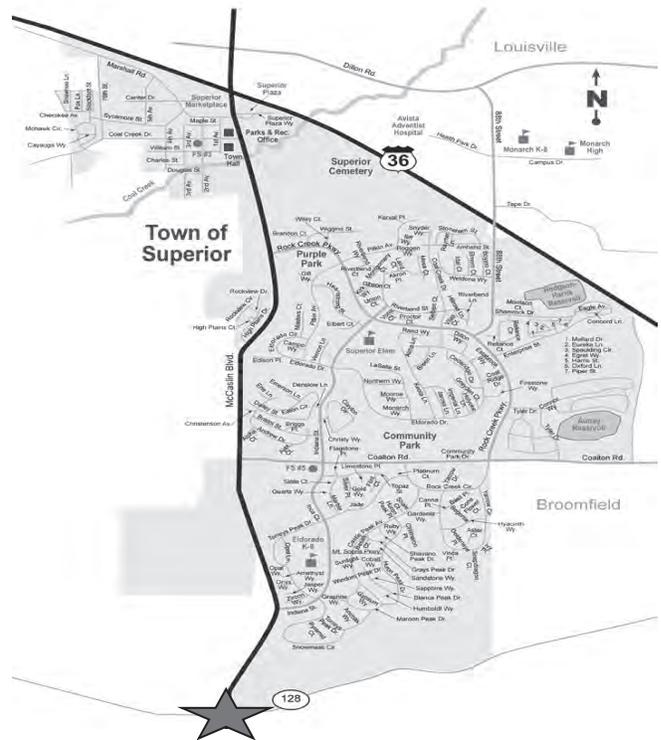
\$ 15,000 **Total Cost**

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

Board Room Broadcast Equipment Replacement

Administrative Project

FIRST YEAR FUNDING SOURCE

\$ 50,000 Governmental Capital

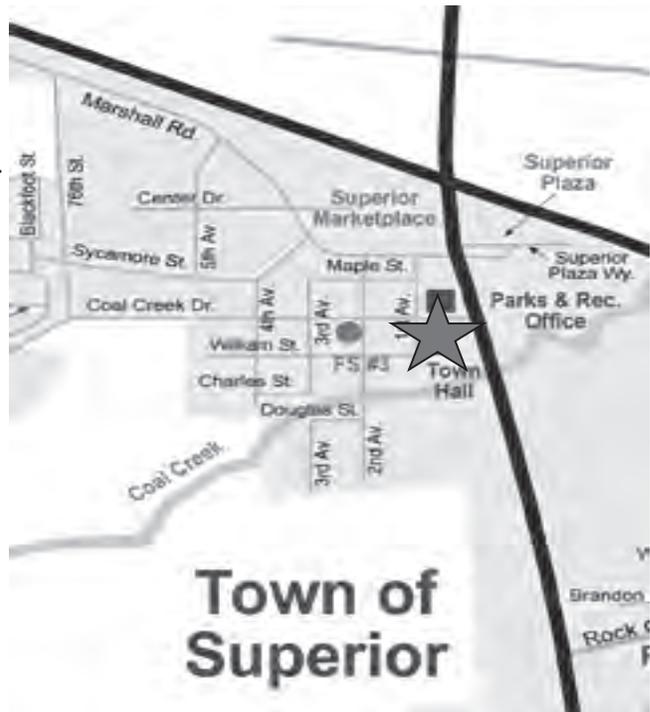
BUDGET BY YEAR

2014	\$	-
2015		-
2016		-
2017		-
2018		50,000
Total Cost	\$	50,000

Total Cost \$ 50,000

PROJECT DESCRIPTION:

The Boardrooms cameras and overhead projector, which are used to televise meetings over Channel 8 and web streaming, were replaced in 2013. However, to improve the quality and enhance reliability of broadcast and in-room meetings, additional supporting audio visual equipment needs to be replaced. This electronic equipment was originally installed in the late 1990s and is beyond its useful life. Equipment includes (1) switcher - \$20k, (2) controller - \$10k, (3) presentation table - \$4k, (4) replacement screen - \$1.5k, (5) recorder - \$1.5k and (6) installation - \$6k. This project that may continue to be pushed out to later years, with the recognition that the supporting equipment was not replaced with the cameras but is dated, thus lacking in quality and reliability.



ANNUAL OPERATING BUDGET IMPACT

\$ (2,000)

**2014 - 2018 Superior Metropolitan District No. 1
Water Capital Improvement Program Budget Revenue (50)**

Acct #	Revenues	2014 Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget
36-6100	Interest Income	\$47,000	\$59,000	\$74,000	\$3,000	\$6,000
36-6341	Water System Development Fees	540,000	490,000	595,000	660,000	-
36-6344	Irrigation Tap Fees	59,000	-	-	-	-
36-6348	Effluent Water Leases	10,000	10,000	10,000	10,000	10,000
36-6953	Transfer from Operations Service Fees	520,000	169,500	107,500	16,000	335,000
36-6710	Windy Gap Financing	-	-	5,550,000	-	-
	Use of / (Addition to) Net Assets	369,181	883,530	7,997,058	(197,654)	429,346
		\$1,545,181	\$1,612,030	\$14,333,558	\$491,346	\$780,346

**2014 - 2018 Superior Metropolitan District No. 1
Water Capital Improvement Program Budget Expense (50-499)**

Acct #	Revenues	2014 Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget
3340	Filter Media Replacement	\$28,000	\$-	\$28,000	\$-	\$-
6043	Reuse Bladder Tank Fence Improvements	36,000	39,500	-	-	-
6155	Water System Controls	35,000	54,000	52,000	16,000	-
6157	Potable and Irrigation Valve Replacement	30,000	-	-	-	-
6162	WTP Filters PLC Replacement	30,000	-	-	-	-
6271	FRICO Pipeline Maintenance	23,000	-	-	-	-
6300	Vehicle Replacement	13,000	40,000	7,500	-	-
6421	Building-PW/Parks Maint & Oper.	25,000	375,000	-	-	-
6740	Potable Interconnect	90,000	484,500	-	-	-
6761	WTP Terminal Reservoir Stability	45,000	-	-	-	-
6780	Windy Gap Firing	825,181	553,030	13,696,058	-	-
6960	Irrigation Meter and Vault Replacement	75,000	-	-	-	-
6131	Flowmeters (4) for WTP Filter Effluent	20,000	-	-	-	-
6132	WTP Clariflocculator Rebuild/Replacement	30,000	-	-	-	-
6950	NCWCD Pump Replacement	40,000	30,000	30,000	30,000	-
6133	14" Diameter Pipeline in McCaslin	200,000	-	-	-	-
6166	WTP Chemical Tank Improvements	-	8,000	-	-	-
6880	Water Storage Tank Cleaning	-	3,000	20,000	-	-
6134	Reuse Master Plan	-	25,000	-	-	-
6135	1.4 MG Irrigation Tank Imprvs (Expansion)	-	-	500,000	-	-
6781	Windy Gap Loan Repayment	-	-	-	445,346	445,346
6136	WTP Chemical Upgrade	-	-	-	-	135,000
6061	Irrigation Storage Tank Floating Cover Replace	-	-	-	-	200,000
		\$1,545,181	\$1,612,030	\$14,333,558	\$491,346	\$780,346

Filter Media Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 28,000 Water Capital

\$ 28,000 **Total Cost**

BUDGET BY YEAR

2014 \$ 28,000

2015 -

2016 28,000

2017 -

2018 -

Total Cost \$ 56,000

PROJECT DESCRIPTION

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

2014 - Replace Media in Filter #3; last time replaced was in 2008 and it should be done every 5-7 years.

2016 - Replace Media in Filter 4.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Reuse Bladder Tank Fence Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 36,000 Water Capital

BUDGET BY YEAR

2014 \$ 36,000

2015 39,500

2016 -

2017 -

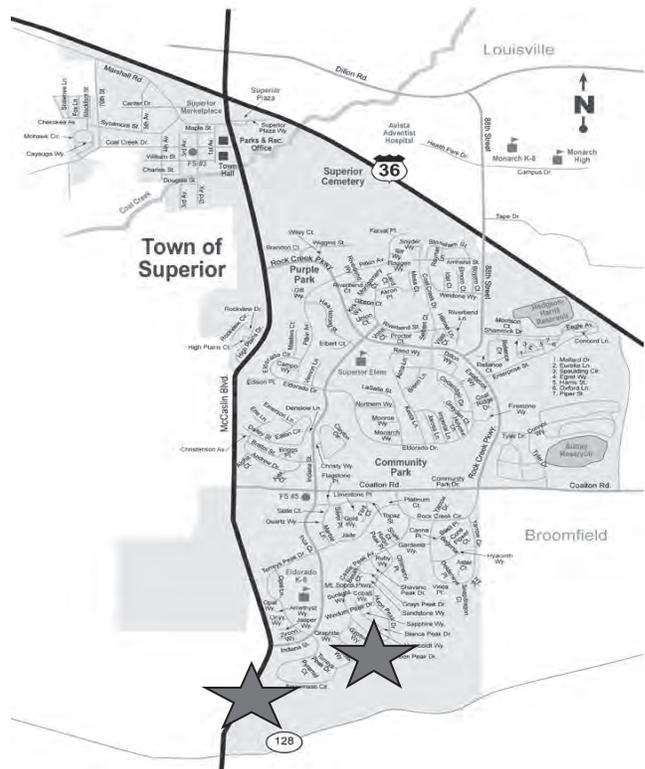
2018 -

\$ 36,000 **Total Cost**

Total Cost \$ 75,500

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.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Water System Controls Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 35,000 Water Capital

BUDGET BY YEAR

2014 \$ 35,000

2015 54,000

2016 52,000

2017 16,000

2018 -

\$ 35,000 **Total Cost**

Total Cost \$ 157,000

PROJECT DESCRIPTION

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

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.

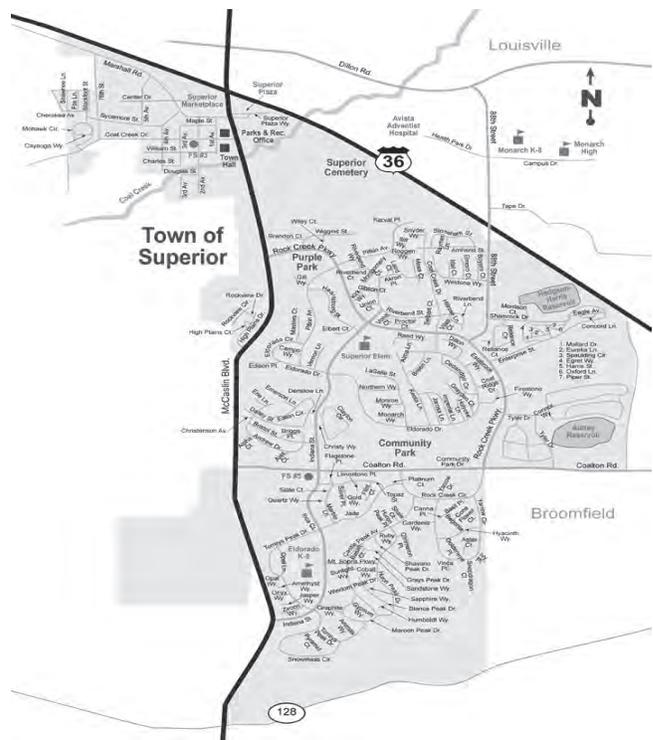
2015 - PLC replacement and restoration of SCADA connection to Community Ditch Pump Station, as well as AB Pump Station PLC replacement.

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

\$ -



Potable and Irrigation Valve Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 30,000 Water Capital

BUDGET BY YEAR

2014 \$ 30,000

2015 -

2016 -

2017 -

2018 -

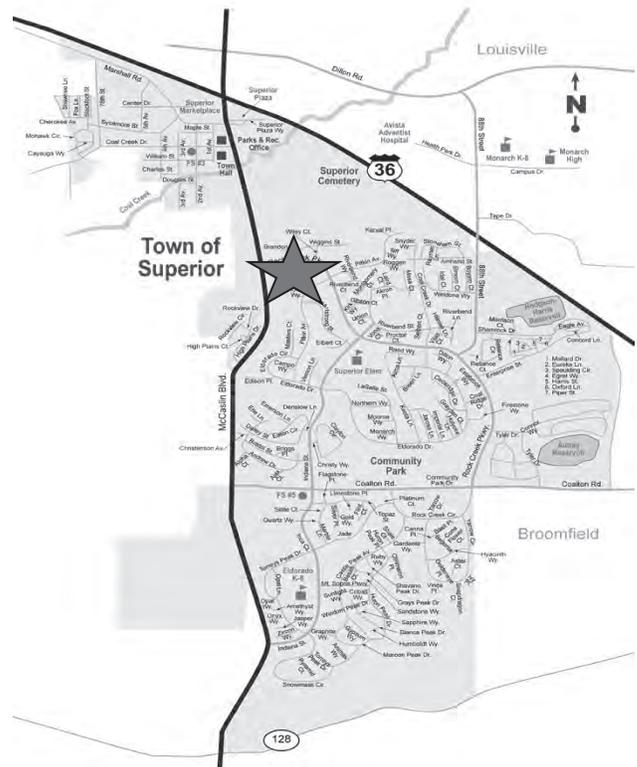
\$ 30,000 Total Cost

Total Cost \$ 30,000

PROJECT DESCRIPTION

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

2014 - Replacing a broken irrigation valve at Purple Park's pedestrian crosswalk on Rock Creek Parkway; and, one 12" Potable Main valve.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Filters PLC Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 30,000 Water Capital

\$ 30,000 **Total Cost**

BUDGET BY YEAR

2014 \$ 30,000

2015 -

2016 -

2017 -

2018 -

Total Cost \$ 30,000

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. There are four PLC's, one per filter; PLC's 1, 3 and 4 have been done to date.

2014 - Replace PLC at Filter #2.



ANNUAL OPERATING BUDGET IMPACT

\$ -

FRICO Pipeline Maintenance

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 23,000 Water Capital

BUDGET BY YEAR

2014 \$ 23,000

2015 -

2016 -

2017 -

2018 -

\$ 23,000 **Total Cost**

Total Cost \$ 23,000

PROJECT DESCRIPTION

2014 - scope includes grout injection to mitigate leaking joints in the Community Ditch pipeline as Identified in the FRICO Ditch report.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Potable Interconnect

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 90,000 Water Capital

BUDGET BY YEAR

2014 \$ 90,000

2015 484,500

2016 -

2017 -

2018 -

\$ 90,000 **Total Cost**

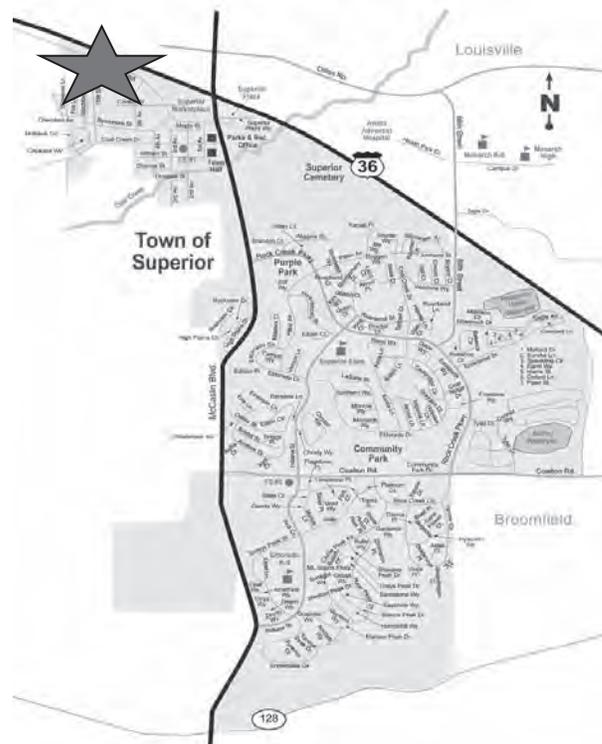
Total Cost \$ 574,500

PROJECT DESCRIPTION

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

2014 - \$90,000 is 50% of the design fee estimated by Dewberry, Louisville would pay for the other half of the interconnect. Also, development of an Intergovernmental Agreement with Louisville for emergency water supply would be included in this fee.

2015 - \$484,500 is 50% of the Construction Cost and Louisville would pay the rest for the interconnect.



ANNUAL OPERATING BUDGET IMPACT

\$ 1,000 Beginning in 2015

WTP Terminal Reservoir Stability Analysis & Access Vault Construction

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 45,000 Water Capital

\$ 45,000 **Total Cost**

BUDGET BY YEAR

2014 \$ 45,000

2015 -

2016 -

2017 -

2018 -

Total Cost \$ 45,000

PROJECT DESCRIPTION

2014 - Construction of an Access Vault on the outlet pipe of the Reservoir. The vault will provide access to perform periodic video inspections of the pipe as required by the State.



ANNUAL OPERATING BUDGET IMPACT

\$ 5,000

Windy Gap Firming

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 825,181 Water Capital

BUDGET BY YEAR

2014 \$ 825,181

2015 553,030

2016 13,696,058

2017 -

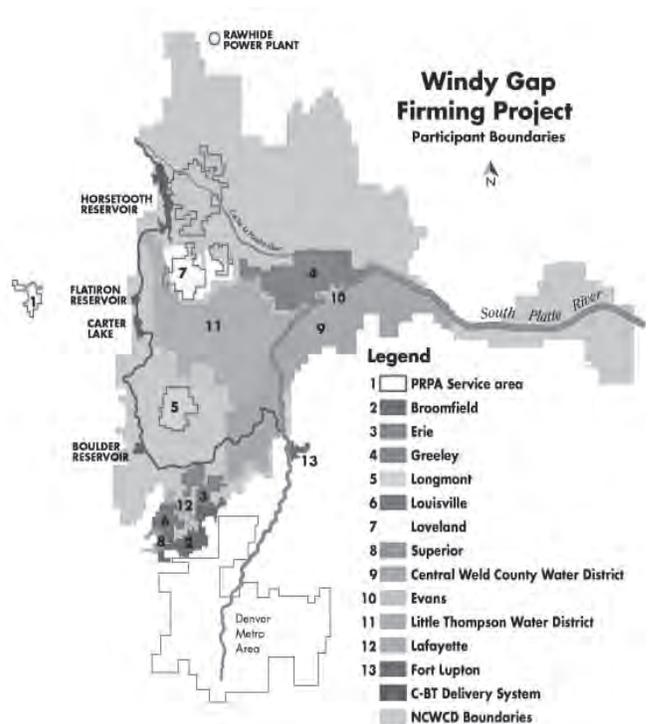
2018 -

\$ 825,181 **Total Cost**

Total Cost \$ 15,074,269

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. 2014 estimate includes \$417,730 for Design and \$407,450 for Mitigation. 2015 estimate includes \$339,900 for Design and \$213,129 for Mitigation; all of which is predicated on Construction in 2016.



ANNUAL OPERATING BUDGET IMPACT

\$ 10,500 Beginning in 2014

100,000 Beginning in 2018

Irrigation Meter and Vault Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 75,000 Water Capital

BUDGET BY YEAR

2014 \$ 75,000

2015 -

2016 -

2017 -

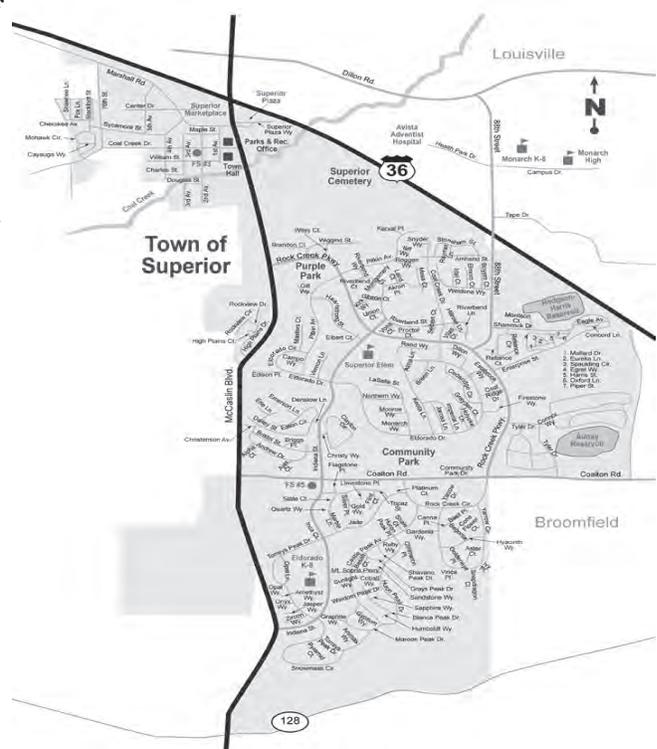
2018 -

Total Cost
\$ 75,000

Total Cost
\$ 75,000

PROJECT DESCRIPTION

This project provides for continued upgrade of irrigation meter vaults town wide. Currently, 9 vaults exist system wide that require upgrade to provide proper access for maintenance and repairs. The budget estimates are to upgrade half of the remaining meter vaults in 2013 and the others in 2014.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Flow meters (4) for WTP Filter Effluent

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 20,000 Water Capital

\$ 20,000 **Total Cost**

BUDGET BY YEAR

2014 \$ 20,000

2015 -

2016 -

2017 -

2018 -

Total Cost \$ 20,000

PROJECT DESCRIPTION

WTP does not have flowmeters on the effluent side of the 4 filters. Flowmeters are vital to troubleshooting the filters and controlling their performance.



ANNUAL OPERATING BUDGET IMPACT

\$ 500

WTP Clarifloculators Rebuild/Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 30,000 Water Capital

\$ 30,000 **Total Cost**

BUDGET BY YEAR

2014 \$ 30,000

2015 -

2016 -

2017 -

2018 -

Total Cost \$ 30,000

PROJECT DESCRIPTION

Rebuild/Replace the drive clutch in the top end of the clarifloculator mechanisms. The clutch is failing and will quit and has to be manually restarted. When the clutch fails there will be no mixing of the polymer and solids causing polymer to go into the filters and bind them up.



ANNUAL OPERATING BUDGET IMPACT

\$ -

NCWCD Pump Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 40,000 Water Capital

\$ 40,000 **Total Cost**

BUDGET BY YEAR

2014 \$ 40,000

2015 30,000

2016 30,000

2017 30,000

2018 -

Total Cost \$ 130,000

PROJECT DESCRIPTION

The 2014 project provides for replacement Impellers on each of 3 pumps at the Northern Colorado Water Conservancy District (NCWCD), Superior/Louisville Pump Station. The project increases the flow rate of delivery to Superior; the Town is entitled to receive water at a rate of 6 cfs but the pumps will only do 5cfs. 3 pumps at 7,000/pump impeller + 1.5 (labor factor) + 15% contingency = \$37,000. **2015 - 2017** Replace 1 of 3 150 HP VFD's each year. Will install new AB(Allen Bradley). Existing are at life span and outdated

ANNUAL OPERATING BUDGET IMPACT

\$ -

14" Diameter Pipeline in McCaslin

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 200,000 Water Capital

BUDGET BY YEAR

2014 \$ 200,000

2015 -

2016 -

2017 -

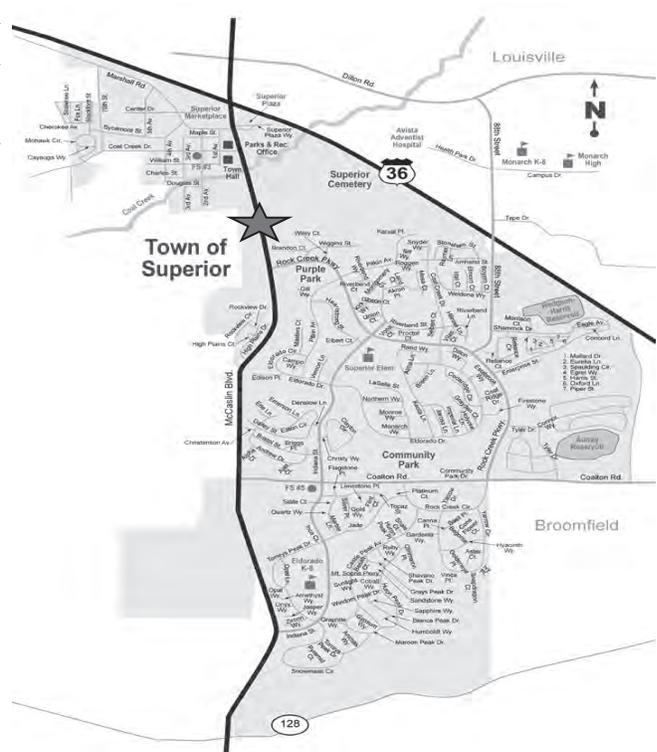
2018 -

\$ 200,000 **Total Cost**

Total Cost \$ 200,000

PROJECT DESCRIPTION

This project is needed to remedy pressure issues in Original Superior and the Superior Marketplace. A 12" pipeline will be installed as a public improvement for the Superior Town Center. An increase from 12" to 14" is needed to resolve the water pressure issues.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Chemical Tank Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 8,000 Water Capital

\$ 8,000 **Total Cost**

BUDGET BY YEAR

2014	\$ -
2015	8,000
2016	-
2017	-
2018	-
Total Cost	\$ 8,000

PROJECT DESCRIPTION

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

\$ -

Water Storage Tank Cleaning

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 3,000 Water Capital

BUDGET BY YEAR

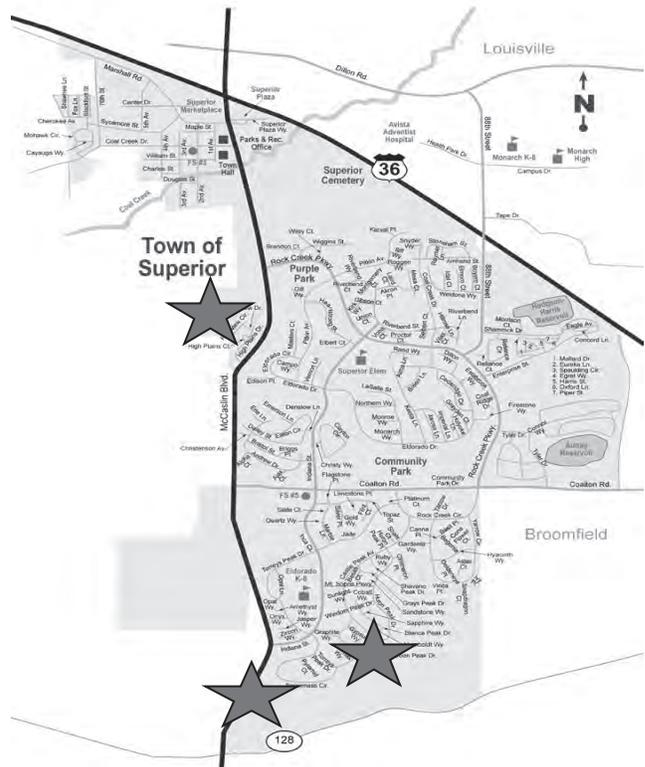
2014	\$ -
2015	3,000
2016	20,000
2017	-
2018	-

\$ 3,000 **Total Cost**

Total Cost \$ 23,000

PROJECT DESCRIPTION

This project provides for cleaning all the Potable Water Storage Tanks: the 0.5-million-gallon (MG) High Zone potable water tank, the 1.5 MG Low Zone potable water tank, and the 1.4 MG Storage Tank at the WTP.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Reuse Master Plan

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 25,000 Water Capital

BUDGET BY YEAR

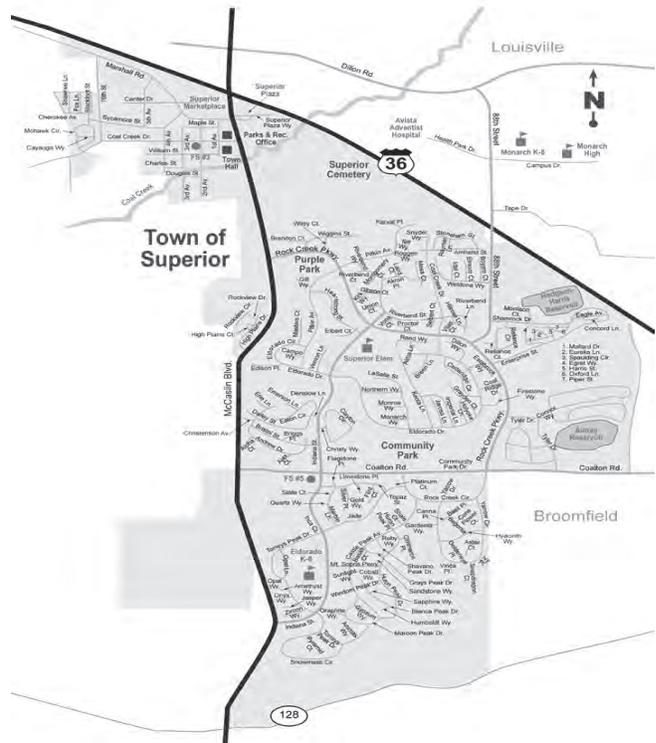
2014	\$	-
2015		25,000
2016		-
2017		-
2018		-

\$ 25,000 Total Cost

Total Cost \$ 25,000

PROJECT DESCRIPTION

This study would model the reuse system and estimate future storage; evaluate infrastructure, pumping stations, distribution and storage.



ANNUAL OPERATING BUDGET IMPACT

\$ -

1.4 MG Irrigation Tank Improvements (Expansion)

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 500,000 Water Capital

BUDGET BY YEAR

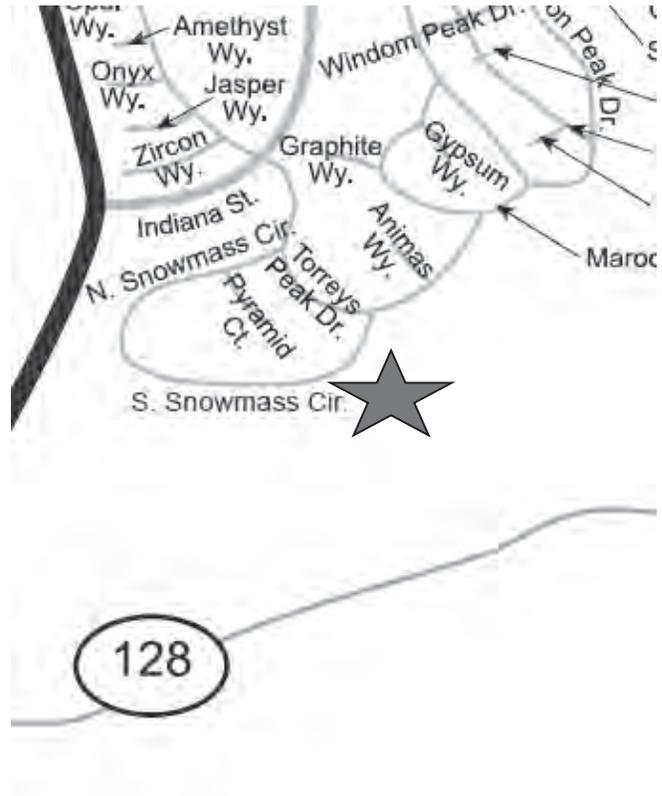
2014	\$ -
2015	-
2016	500,000
2017	-
2018	-

Total Cost
\$ 500,000

Total Cost \$ 500,000

PROJECT DESCRIPTION

This project provides for improvements and expansion of the 1.4 million gallon irrigation tank. The expansion will add an estimated 250,000 gallons of capacity.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WTP Chemical Upgrade

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 135,000 Water Capital

\$ 135,000 **Total Cost**

BUDGET BY YEAR

2014	\$	-
2015		-
2016		-
2017		-
2018		135,000
Total Cost	\$	135,000

PROJECT DESCRIPTION

2018 - Switch from alum based polymer to ferric chloride. Requires replacing tanks and feed system.

Can prevent pH control requirements and aid in sludge dewatering for drying beds. (Hard to handle and work with though)

Should result in reduced sludge production volume, but cannot estimate savings at this time because sludge production is currently not measured.

Estimated to save \$15,000 in chemicals starting in 2019.

ANNUAL OPERATING BUDGET IMPACT

\$ (15,000) Beginning in 2019



**2014 - 2018 Superior Metropolitan District No. 1
Waste Water Capital Improvement Program Budget Revenue (51)**

Acct #	Revenues	2014 Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget
36-6100	Interest Income	\$4,000	\$8,000	\$10,000	\$14,000	\$20,000
36-6341	Waste Water System Development Fees	400,000	100,000	120,000	135,000	-
36-6953	Transfer from Operation User Fees	753,800	86,000	336,500	525,000	475,000
	Use of / (Addition to) Net Assets	(389,000)	117,000	(130,000)	(294,000)	(45,000)
		\$768,800	\$311,000	\$336,500	\$380,000	\$450,000

**2014 – 2018 Superior Metropolitan District No. 1
Waste Water Capital Improvement Program Budget Expense (51-499)**

Acct #	Revenues	2014 Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget
6081	Town Wide Collection System Video Assessment	\$32,000	\$32,000	\$32,000	\$-	\$-
6272	WWTP Bar Screen Upgrades	10,000	-	-	-	-
6273	WWTP PLC Replacement	30,000	30,000	30,000	-	-
6286	WWTP Chemical Pump Replacement	6,000	-	-	-	-
6288	WWTP Secondary Clarifier Upgrades	550,000	-	-	-	-
6300	Vehicle Replacement	7,800	24,000	4,500	-	200,000
6421	Building-PW/Parks Maint & Oper.	15,000	225,000	-	-	-
6231	WWTP Valve/Piping Clarifiers to Equalization Pond	48,000	-	-	-	-
6232	WWTP Waste Activated Sludge (WAS) Pumps	30,000	-	-	-	-
6233	WWTP Waste Activated Sludge (WAS) Flow Meters	12,000	-	-	-	-
6234	WWTP Submersible Mixers for Aeration Basins	28,000	-	-	-	-
6235	WWTP Site Improvements (Drainage)	-	-	20,000	130,000	-
6236	WWTP Miscellaneous Improvements	-	-	250,000	250,000	250,000
		\$768,800	\$311,000	\$336,500	\$380,000	\$450,000

Town Wide Sewer Collection System Video Assessment

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 32,000 Sewer Capital

BUDGET BY YEAR

2014 \$ 32,000

2015 32,000

2016 32,000

2017 -

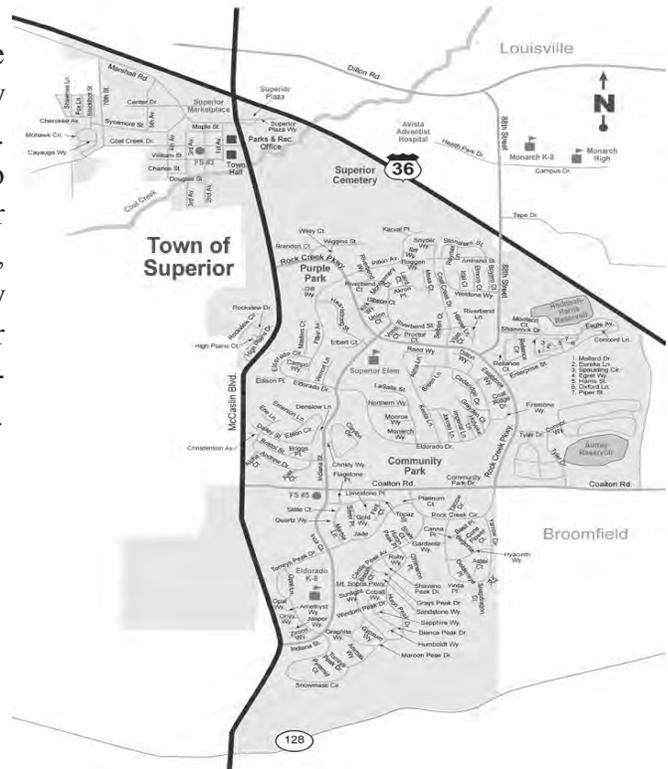
2018 -

\$ 32,000 **Total Cost**

Total Cost \$ 96,000

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 complete by 2016.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Barscreen Upgrades

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 10,000 Sewer Capital

BUDGET BY YEAR

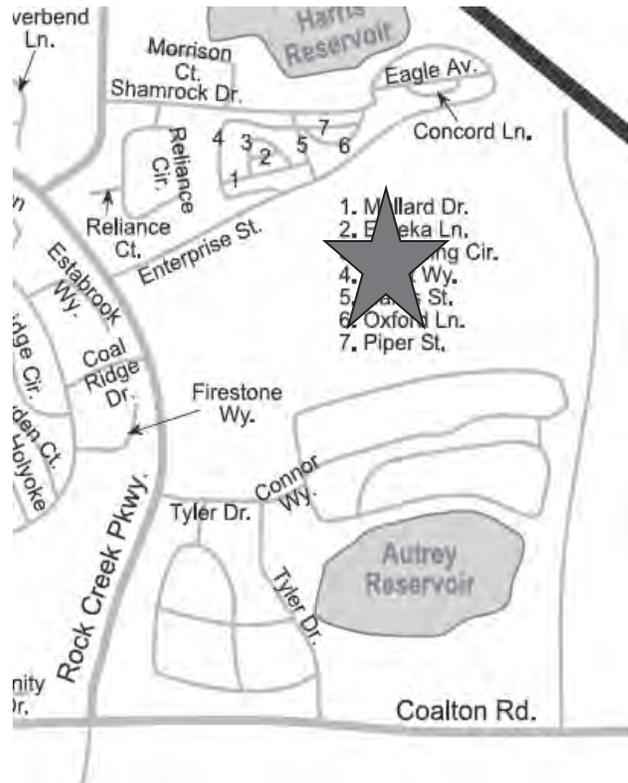
2014	\$ 10,000
2015	-
2016	-
2017	-
2018	-

Total Cost
\$ 10,000

Total Cost \$ 10,000

PROJECT DESCRIPTION

This project is required to address the automated bar screen at the head/entrance of the plant. The gearbox was just replaced and the auger, motor and chains will need replaced soon. All of the plants flow passes through the barscreen as the first line of defense against large solids and floatables.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP PLC Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 30,000 Sewer Capital

BUDGET BY YEAR

2014	\$ 30,000
2015	30,000
2016	30,000
2017	-
2018	-

\$ 30,000 **Total Cost**

Total Cost \$ 90,000

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

\$ -

WWTP Chemical Pump Replacement

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 6,000 Sewer Capital

BUDGET BY YEAR

2014 \$ 6,000

2015 -

2016 -

2017 -

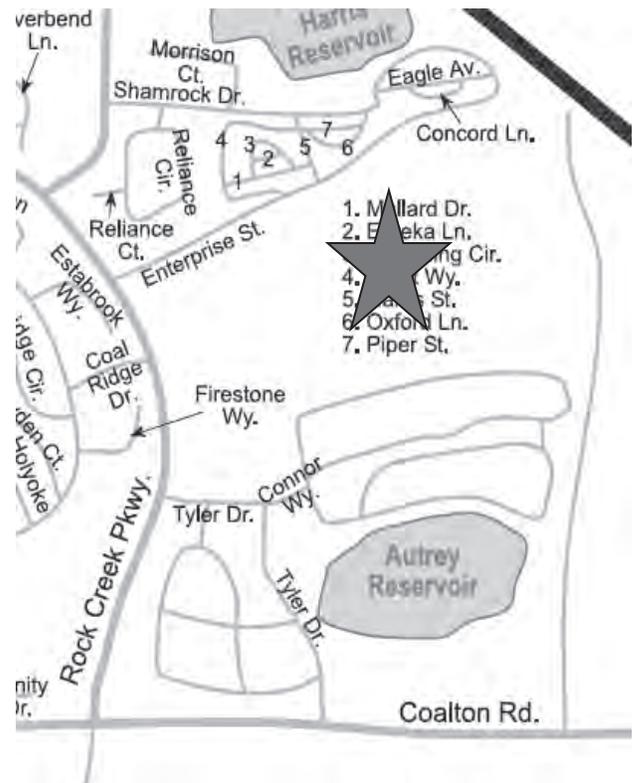
2018 -

\$ 6,000 **Total Cost**

Total Cost \$ 6,000

PROJECT DESCRIPTION

This project provides for replacing 4 existing chemical pumps. 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

\$ 550,000 Sewer Capital

BUDGET BY YEAR

2014	\$ 550,000
2015	-
2016	-
2017	-
2018	-

Total Cost \$ 550,000

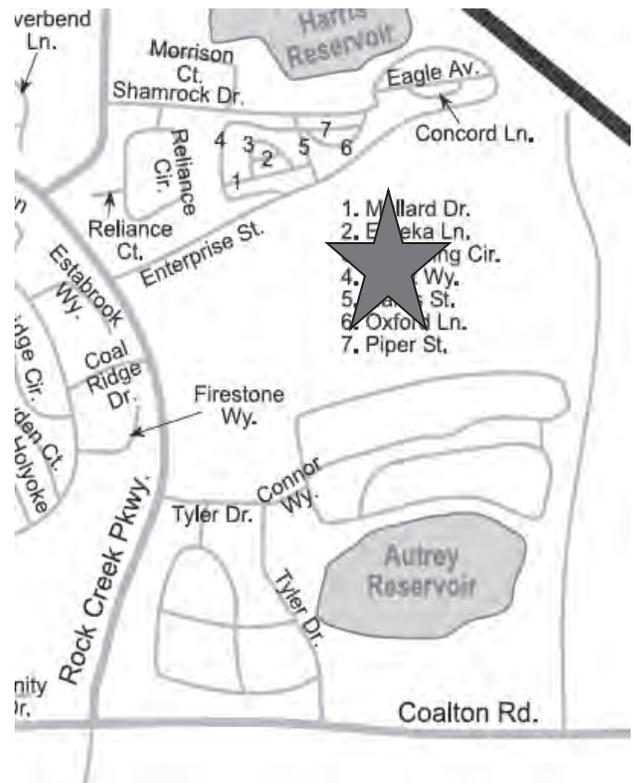
Total Cost \$ 550,000

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 WWTP 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

\$ (15,000) 2015



WWTP Valve/Piping Improvements Secondary Clarifiers to EQ Ponds

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 48,000 Sewer Capital

BUDGET BY YEAR

2014 \$ 48,000

2015 -

2016 -

2017 -

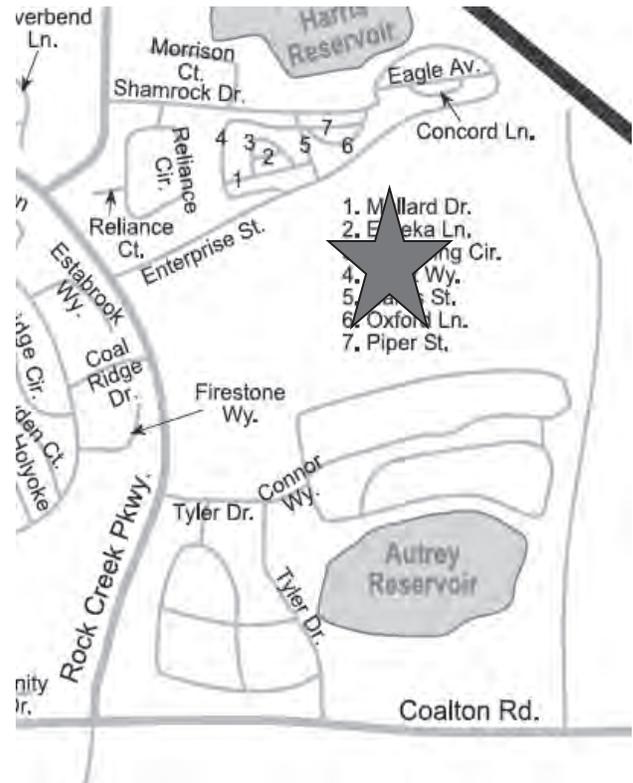
2018 -

\$ 48,000 **Total Cost**

Total Cost \$ 48,000

PROJECT DESCRIPTION

2014 - This project will replace old and malfunctioning valves; (4) four valves need to be replaced along with associated pipe and fittings.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Replace Waste Activated Sludge (WAS) Pumps

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 30,000 Sewer Capital

BUDGET BY YEAR

2014 \$ 30,000

2015 -

2016 -

2017 -

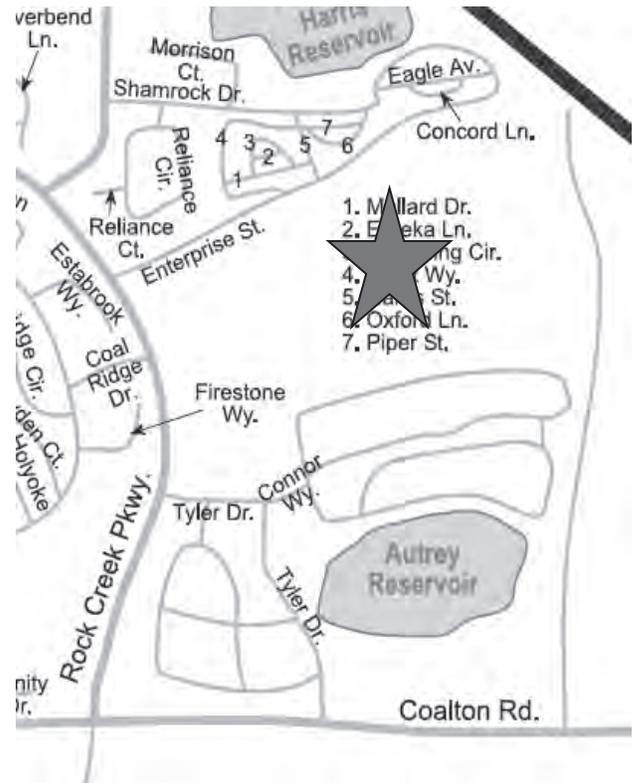
2018 -

\$ 30,000 **Total Cost**

Total Cost \$ 30,000

PROJECT DESCRIPTION

2014 - This project provides for Replacing two (2) old and malfunctioning Waste Activated Sludge (WAS) pumps. These pumps are Diaphragm pumps requiring instrument air and it is a very inefficient to move sludge even when they are working well. The new pumps would be progressive cavity (screw type) which are widely used for this application.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Replace Waste Activated Sludge (WAS) Pumps

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 30,000 Sewer Capital

BUDGET BY YEAR

2014 \$ 30,000

2015 -

2016 -

2017 -

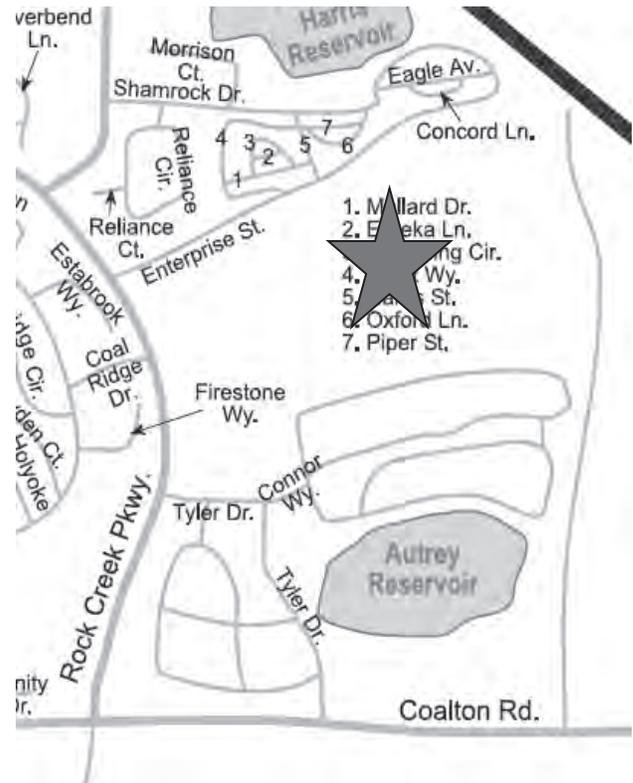
2018 -

\$ 30,000 **Total Cost**

Total Cost \$ 30,000

PROJECT DESCRIPTION

2014 - This project provides for Replacing two (2) old and malfunctioning Waste Activated Sludge (WAS) pumps. These pumps are Diaphragm pumps requiring instrument air and it is a very inefficient to move sludge even when they are working well. The new pumps would be progressive cavity (screw type) which are widely used for this application.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Submersible Mixers

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 28,000 Sewer Capital

BUDGET BY YEAR

2014 \$ 28,000

2015 -

2016 -

2017 -

2018 -

\$ 28,000 **Total Cost**

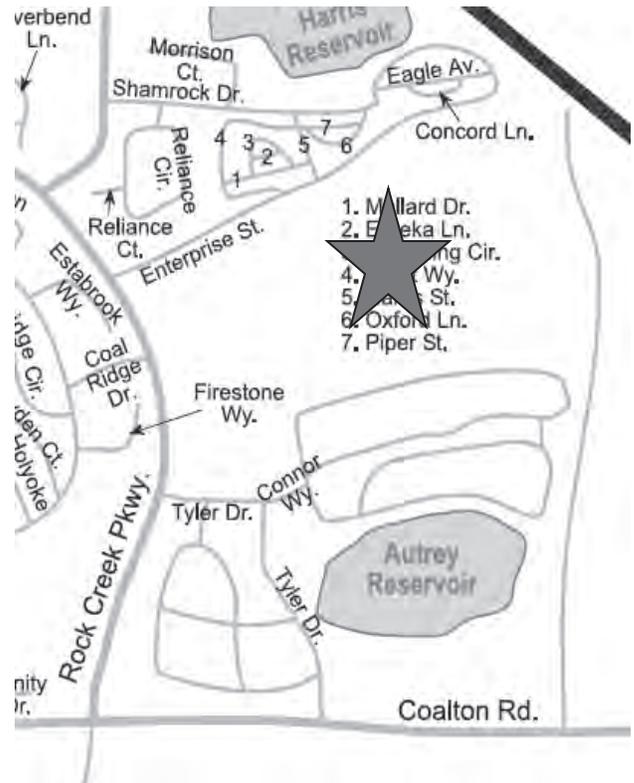
Total Cost \$ 28,000

PROJECT DESCRIPTION

Submersible mixers provide for increased denitrification capability. Currently have surface mixers that do not mix as thoroughly.

ANNUAL OPERATING BUDGET IMPACT

\$ -



WWTP Site Drainage Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ - Sewer Capital

BUDGET BY YEAR

2014	\$ -
2015	-
2016	20,000
2017	130,000
2018	-

Total Cost \$ -

Total Cost \$ 150,000

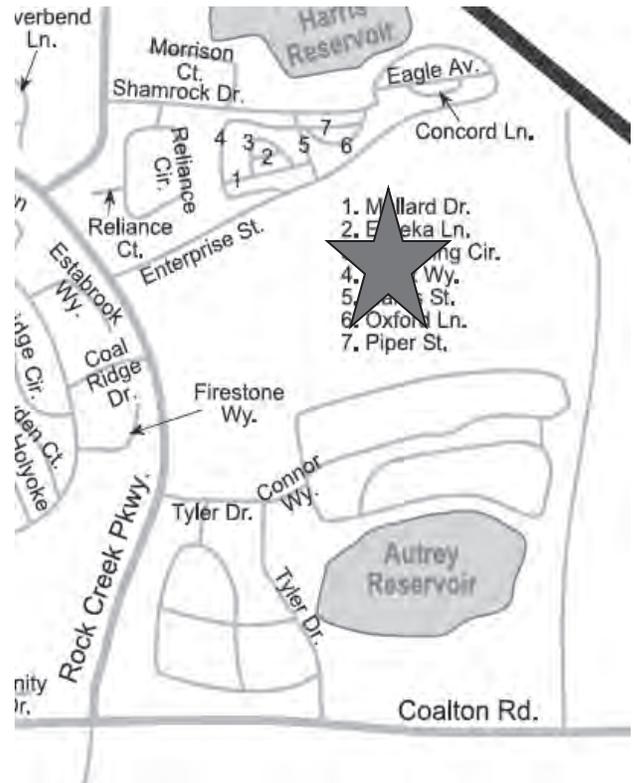
PROJECT DESCRIPTION

This Project will address a long time battle with poor drainage from the entrance to the sludge docking bay, through the parking lot and out to the holding ponds and eventually to Rock Creek.

Per J&T Consulting

\$20,000 design fee

130,000 construction cost estimate.



ANNUAL OPERATING BUDGET IMPACT

\$ -

WWTP Miscellaneous Improvements

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 250,000 Sewer Capital

BUDGET BY YEAR

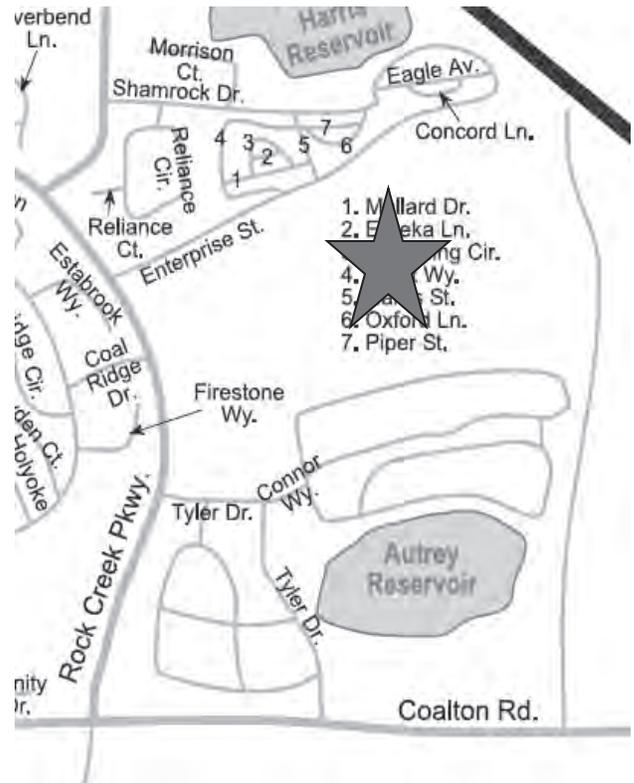
2014	\$ -
2015	-
2016	250,000
2017	250,000
2018	250,000

Total Cost
\$ 250,000

Total Cost \$ 750,000

PROJECT DESCRIPTION

Miscellaneous WWTP Improvements. Specific projects to be determined in future years.



ANNUAL OPERATING BUDGET IMPACT

TBD

**2014 - 2018 Superior Metropolitan District No. 1
Storm Water Capital Improvement Program Budget Revenue (52)**

Acct #	Revenues	2014 Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget
36-6100	Interest Income	\$3,000	\$1,000	\$1,000	\$2,000	\$4,000
36-6341	Storm Water System Development Fees	135,000	45,000	60,000	65,000	-
36-6953	Transfer from Operation User Fees	27,200	35,000	50,000	60,000	75,000
	Use of / (Addition to) Net Assets	360,000	85,000	(68,000)	(127,000)	221,000
		\$525,200	\$166,000	\$43,000	\$-	\$300,000

**2014 - 2018 Superior Metropolitan District No. 1
Storm Water Capital Improvement Program Budget Expense (52-499)**

Acct #	Revenues	2014 Budget	2015 Projected Budget	2016 Projected Budget	2017 Projected Budget	2018 Projected Budget
6080	Coal Creek Basin Improvements (Including 2 nd Avenue Bridge)	\$510,000	-	-	-	300,000
6300	Vehicle Replacement	5,200	16,000	3,000	-	-
6421	Building-PW/Parks Maint & Oper.	10,000	150,000	-	-	-
6082	Storm Water Manhole Steps Installation	-	-	40,000	-	-
		\$525,200	\$166,000	\$43,000	\$-	\$300,000

Coal Creek Basin Improvements, including 2nd Avenue Bridge

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 510,000 Storm Capital

BUDGET BY YEAR

2014 510,000

2015 -

2016 -

2017 -

2018 300,000

\$ 510,000 **Total Cost**

Total Cost \$ 810,000

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 channel improvements.

2014 - The first phase will include preliminary design for all improvements and final design & construction of the 2nd Avenue bridge. UDFCD has programmed \$600,000 (\$162,500 in 2014, \$112,500 in 2015, and \$325,000 in 2016) to match the Town's \$600,000 contribution for a total project budget of \$1,200,000.

2018 - The 2nd phase will complete the channel improvements between McCaslin and 3rd Avenue. Channel improvements upstream of 3rd Avenue will be completed with a future project. This project assumes a matching grant from UDFCD for \$300,000 for a total project budget of \$600,000.



ANNUAL OPERATING BUDGET IMPACT

\$ -

Storm Water Manhole Steps Installation

Infrastructure Project

FIRST YEAR FUNDING SOURCE

\$ 40,000 Storm Capital

BUDGET BY YEAR

2014 \$ -

2015 -

2016 40,000

2017 -

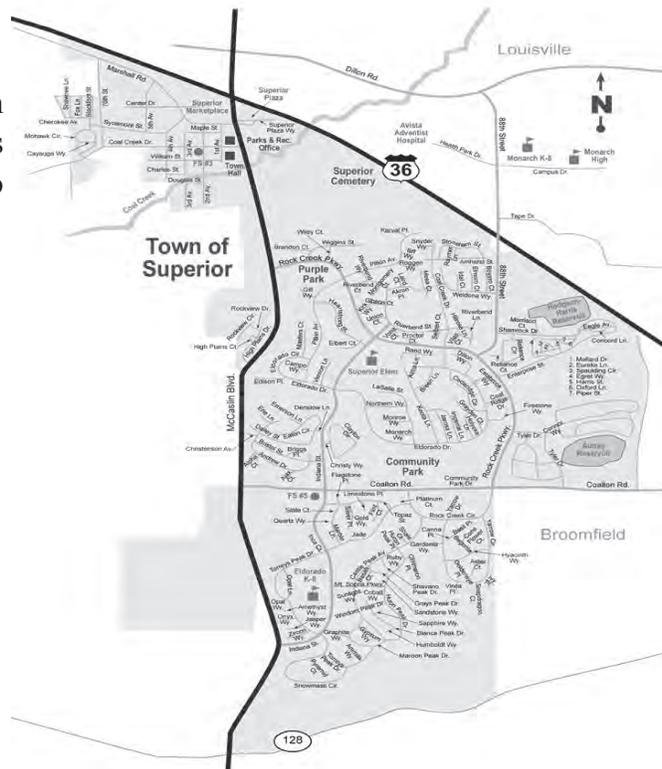
2018 -

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

\$ -

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