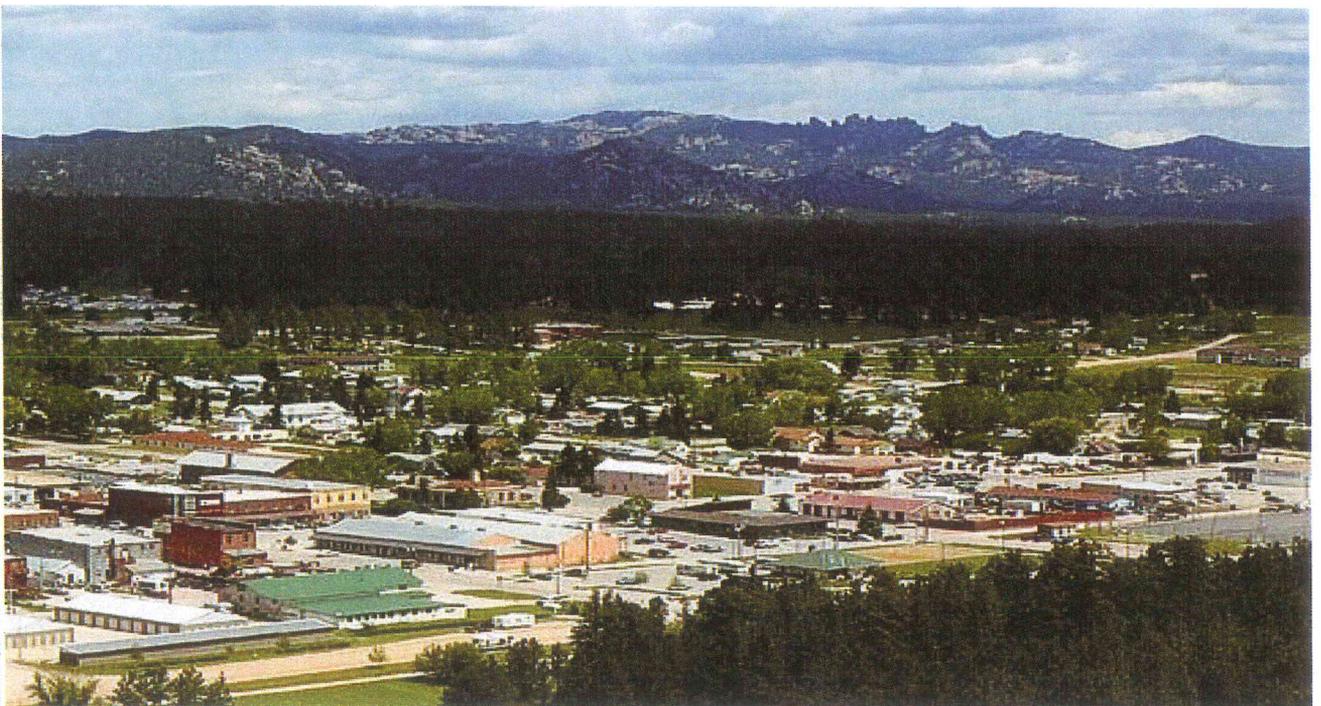


# CUSTER CITY

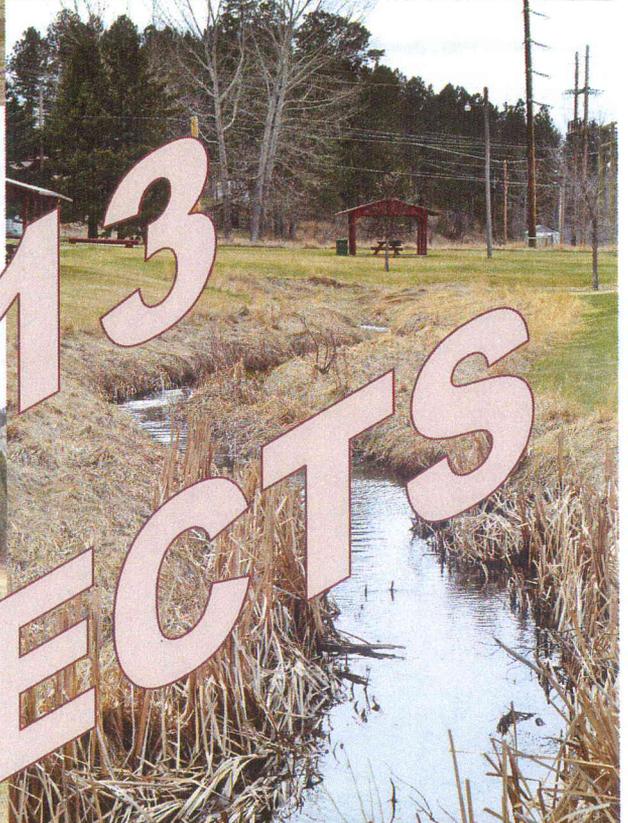
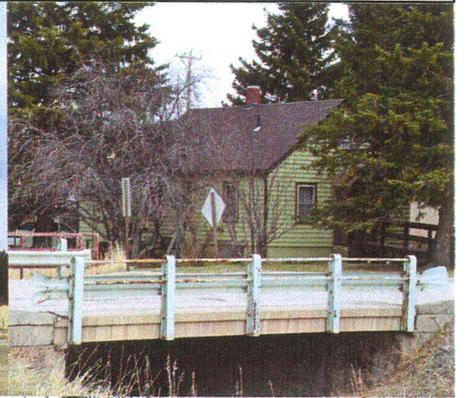
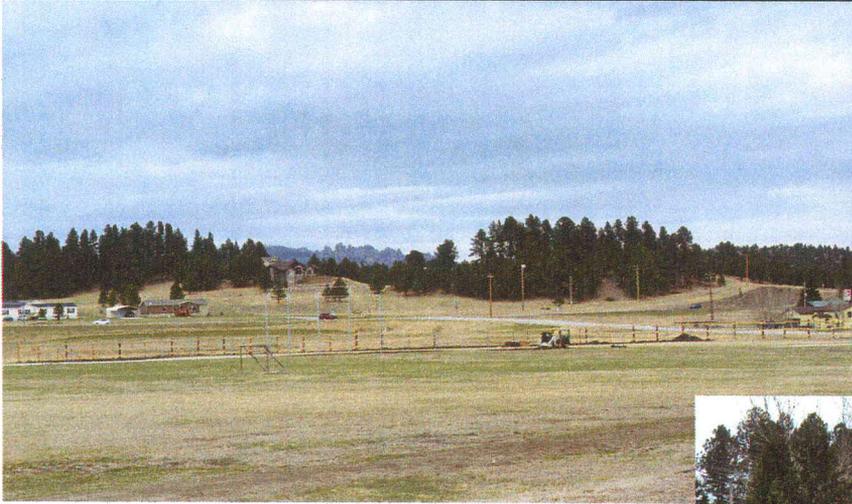
## 5 YEAR PLAN

### 2013-2017



**Projects Funding Source FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 Total**

Projects	Funding Source	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>General Fund Capital Improvements</b>							
South 4th Street Reconstruction	Reserves	\$ 300,000.00					\$ 300,000.00
8th Street Bridge	General Fund Revenue	\$ 25,000.00					\$ 25,000.00
Montgomery & 6th Intersection	Reserves			\$ 195,000.00			\$ 195,000.00
Sidewalk to School	Revenue / Reserves		\$ 150,000.00				\$ 150,000.00
Chip Seal	General Fund Revenue	\$ 85,000.00	\$ 85,000.00	\$ 85,000.00	\$ 85,000.00	\$ 85,000.00	\$ 425,000.00
Park & Recreation Committee Projects	BBB Sales Tax Revenue	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 125,000.00
West Dam Outlet Structure	State Funding / Reserves		\$ 250,000.00				\$ 250,000.00
Storm Water Pre-disaster mitigation	General Fund Revenue	\$ 20,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00		\$ 320,000.00
Picnic Structure by Chamber	Revenue / Reserves			\$ 80,000.00			\$ 80,000.00
North 3rd Street (by Forest Service)	Cost Share w/ Forest Service			\$ 140,000.00			\$ 140,000.00
Sidewalk old M.School to Football Field	General Fund Revenue				\$ 120,000.00		\$ 120,000.00
Inman Park Development	Revenue / Reserves			\$ 75,000.00			\$ 75,000.00
Animal Shelter	General Fund Revenue				\$ 150,000.00		\$ 150,000.00
South 6th Street	General Fund Revenue	\$ 50,000.00			\$ 150,000.00		\$ 200,000.00
Montgomery & Syvian				\$ 35,000.00			\$ 35,000.00
Pageant Hill Restrooms							
Technology (phone system, server, copier)	General Fund Revenue	\$ 10,000.00	\$ 10,000.00				\$ 20,000.00
Vehicle Replacement	General Fund Revenue	\$ 515,000.00	\$ 620,000.00	\$ 664,000.00	\$ 449,000.00	\$ 380,000.00	\$ 2,628,000.00
<b>Water</b>							
Move Liquor Store Well	Water Fund Reserves	\$ 300,000.00	\$ 400,000.00				\$ 700,000.00
Connect Line at alley N of Mt Rush & 5th	Water Fund Revenue		\$ 50,000.00				\$ 50,000.00
Source Water Protection	Water Fund Revenue	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00		\$ 75,000.00
Technology (phone system, server, copier)	Water Fund Revenue	\$ 5,000.00					\$ 5,000.00
Vehicle Replacement	Water Fund Revenue	\$ 305,000.00	\$ 475,000.00	\$ 34,000.00	\$ 34,000.00	\$ -	\$ 848,000.00
<b>Wastewater</b>							
Collection System Rehab/Aerators	SRF Loan	\$ 1,633,000.00					\$ 1,633,000.00
Motor Starters	Wastewater Fund Revenue	\$ 50,000.00					\$ 50,000.00
Spare Submerible Pump	Wastewater Fund Revenue	\$ 25,000.00					\$ 25,000.00
Technology (phone system, server, copier)	Wastewater Fund Revenue	\$ 5,000.00					\$ 5,000.00
Vehicle Replacement	Wastewater Fund Revenue	\$ 1,713,000.00	\$ -	\$ 9,000.00	\$ 9,000.00	\$ -	\$ 1,731,000.00
<b>TOTALS</b>							
		\$ 2,533,000.00	\$ 1,095,000.00	\$ 707,000.00	\$ 492,000.00	\$ 380,000.00	\$ 5,207,000.00



2013  
PROJECTS

## **SOUTH 4TH STREET RECONSTRUCTION**

The South 4th Street reconstruction project would include the portion of 4th Street between Washington Street and Gordon Street. The reason for this reconstruction project is because every winter the road heaves.

The project includes tearing the road down five feet and reconstructing the road with free draining material, road surfacing, curb and gutter. Included in the project would be a little channel work that would bring the flow of French Creek to the center of the bridge. The channel work would take about 50 feet before the bridge. The bridge is structurally sound so the project would not entail any work to the bridge.

The project is estimated at \$300,000 for year 2013.



## **SOUTH 8TH STREET BRIDGE REPLACEMENT**

The DOT and Custer County plan to replace the South 8th Street bridge in 2013, which will subsequently place the bridge into City assets. The city is paying for the extra width necessary for a pedestrian walkway.

The bridge is currently under design.

Once the bridge is done the truck route will officially be the newly constructed Sidney Park Road.

The project is estimated at \$25,000 for year 2013.



## **CHIP SEAL PROJECT**

The chip seal project would be for the southeast part of the city. The chip seal is an annual expenditure on a rotational basis to maintain streets within the City. This work will consist of a tack type material being sprayed on followed by a layer of 3/8" rock chips. This seals existing pavement and provides a new driving surface. See appendix A, chip seal map, area #2.

The project is estimated at \$85,000 for year 2013.

## **PARK & RECREATION COMMITTEE PROJECT**

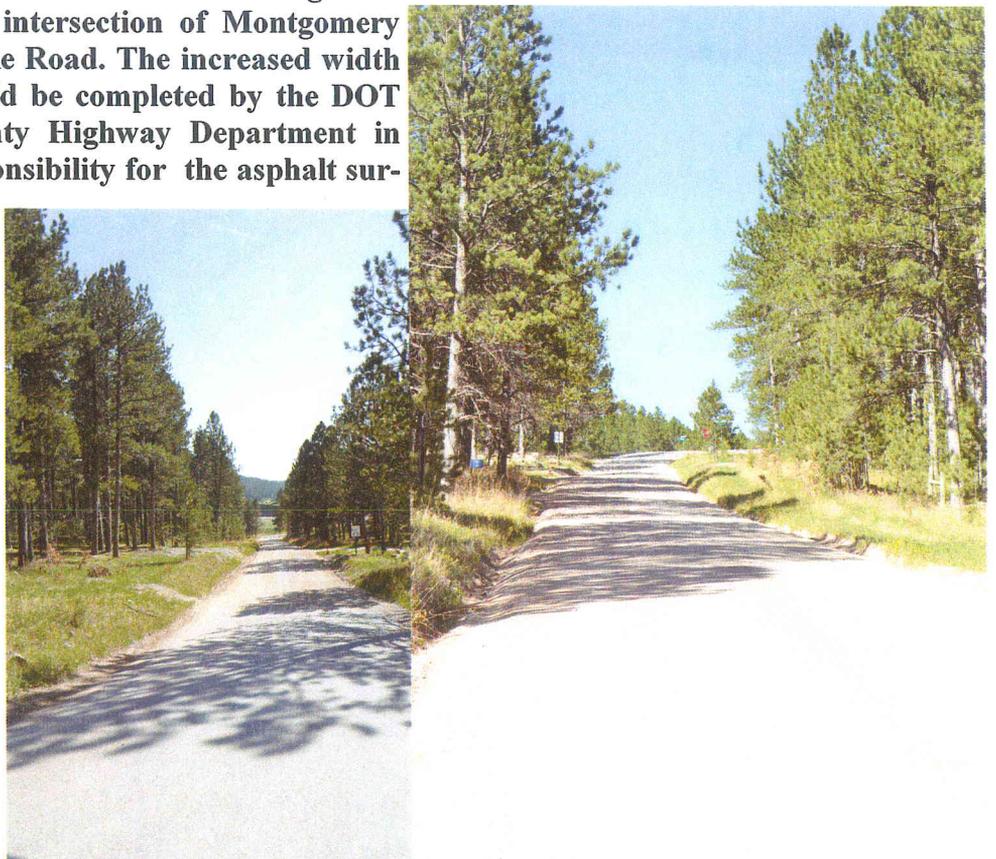
The Park & Recreation Committee receives \$25,000 per year from the BBB sales tax revenue to put towards their projects. At this time the committee is working on developing a five year plan for projects and projected cost. The \$25,000 annual budget should provide engineering or matching funds for the projects.

The project is estimated at \$25,000 for year 2013.

## **MONTGOMERY & SYLVAN LAKE ROAD PROJECT**

The DOT is going to be reconstructing and straightening out the intersection of Montgomery Street and Sylvan Lake Road. The increased width and base course should be completed by the DOT and the Custer County Highway Department in 2012. The City is responsibility for the asphalt surfacing in accordance with the agreement. Once the project is completed the road will become city maintained road.

The project is estimated at \$50,000 for year 2013.



## **STORM WATER PRE-DISASTER MITIGATION PROJECT**

The City has applied for a pre-disaster mitigation grant which provides funding to fix potential problems before a disaster occurs. The idea is to prevent property loss and save lives when tragedy strikes. The amount awarded is dependent on the “benefit/cost” analysis, and can be as large as three million dollars. The City of Custer qualified for about 1.25 million dollars. If the grant is awarded to Custer, the expenditure can be spread out over as much as six years. The first three years is usually spent doing engineering or acquiring properties. The next three years could be the construction phase. The project is a 75/25 match, so the City would be required to spend about \$300,000 as our match, some of which can be “in-kind”.

The City would spend year one money on engineering cost, which could range any where from \$50,000 to \$100,000.

The project is estimated at \$20,000 for year 2013.



## **TECHNOLOGY**

As the City moves into the new facilities some technology upgrades will need to be done. The biggest being the phone system as our current one is outdated. The new phone system would include voicemail. Some server upgrades and modernization will also be necessary.

The project is estimated at \$20,000 for general fund, \$5,000 for water fund and \$5,000 for wastewater fund for year 2013.

## **MOVING OF LIQUOR STORE WELL**

The moving of the well by the Liquor Store is shown as a two year project. In 2013 property would be acquired and the development of the existing monitoring well would be done to hopefully be able to pump 300 gallons per minute. There would also be the possibility of additional water main work that could also be done.

The project is estimated at \$300,000 for year 2013.



## **MOTOR STARTERS—WASTEWATER PLANT**

Motor starters or variable frequency drives allow for soft starting of the large motors at the Wastewater Treatment Plant with less shock to the system allowing for longer life of the infrastructure and lower power consumption.

The project is estimated at \$50,000 for year 2013.



## **COLLECTION SYSTEM REHAB/AERATORS**

A study of our older sewage collection system in 2011 revealed the need to repair a considerable amount primarily in the downtown area. Groundwater is infiltrating the system requiring at least thirty percent more treatment which also increases power requirements. The project would repair most of the lines without digging up the streets causing less disruption to the residents with a minimal increase in construction cost.

The current aerators at the Wastewater Treatment Plant are twenty-five years old and worn out requiring replacement. With the new technology, new aerators will save approximately \$25,000 in electricity each year. The aerators account for approximately \$350,000 for the total project. The cost of repairing the existing aerators would be over \$100,000 and would not save any cost on electricity.

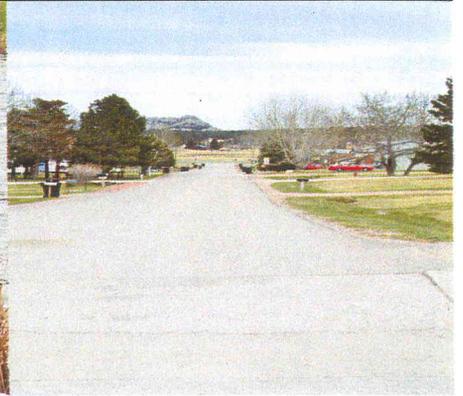
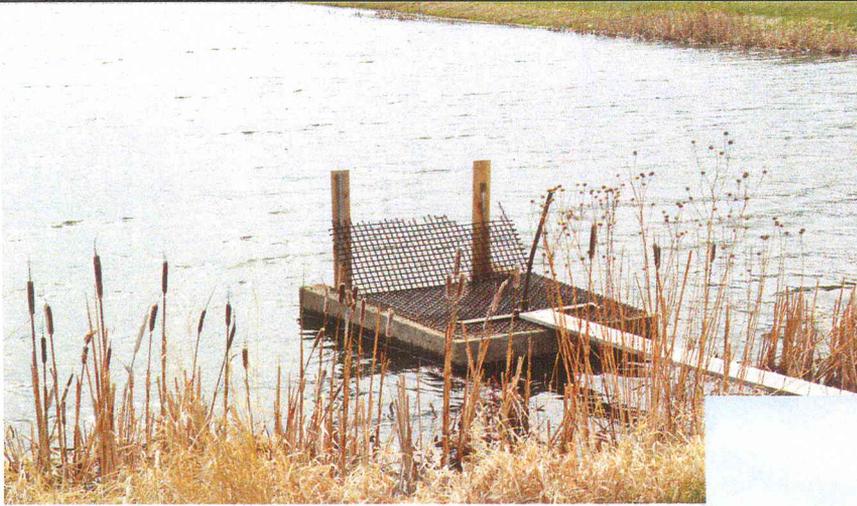
The project is estimated at \$1,633,000 for year 2013.



## **SPARE SUBMERIBLE PUMP**

A backup submersible pump is needed at the Wastewater Treatment Plant in case of emergencies. They are made to order and require about six weeks to obtain.

The project is estimated at \$25,000 for year 2013.

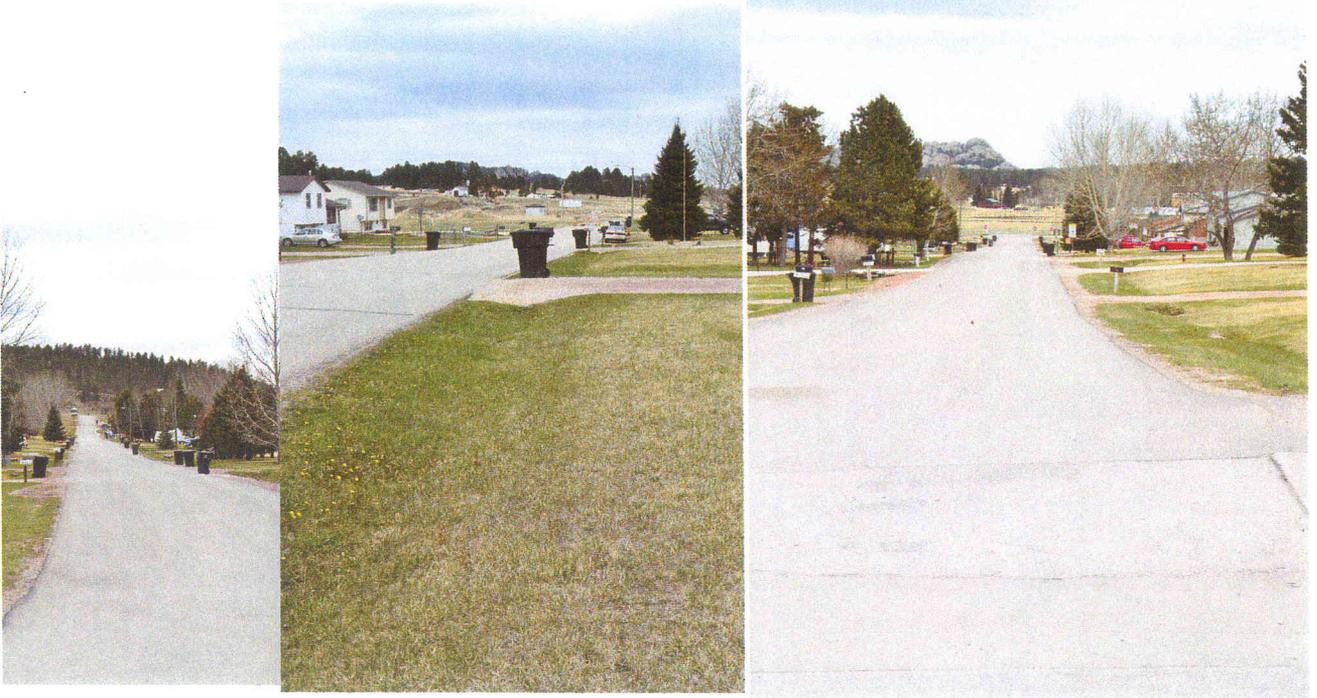


**CABINS**  
Shady Rest NOTE

## **SIDEWALKS TO SCHOOL**

**The Mickelson Trail is to be paved in 2012 to form a spine of school access. Sidewalk must be developed from the Mickelson Trail to the school property including a bridge to cross French Creek. Location has not been determined with any certainty.**

**The project is estimated at \$150,000 for year 2014.**



## **CHIP SEAL PROJECT**

**The chip seal project would be for the southwest part of the city. The chip seal is an annual expenditure on a rotational basis to maintain streets within the City. This work will consist of a tack type material being sprayed on followed by a layer of 3/8" rock chips. This seals existing pavement and provides a new driving surface. See appendix A, chip seal map, area #3.**

**The project is estimated at \$85,000 for year 2014.**



## **PARK & RECREATION COMMITTEE PROJECT**

The Park & Recreation Committee receives \$25,000 per year from the BBB sales tax revenue to put towards their projects. At this time the committee is working on developing a five year plan for projects and projected cost. The \$25,000 annual budget should provide engineering or matching funds for the projects.

The project is estimated at \$25,000 for year 2014.

## **WEST DAM OUTLET STRUCTURE**

The West Dame outlet structure needs to be replaced. It is on a band-aid fix for now. It may require some demolition of the dam and subsequent reconstruction to replace the valve and install a new anti-seep collar. South Dakota Game Fish and Parks is interested in participating in the project and may want to include dredging of the pond.

The project is estimated at \$250,000 for year 2014.

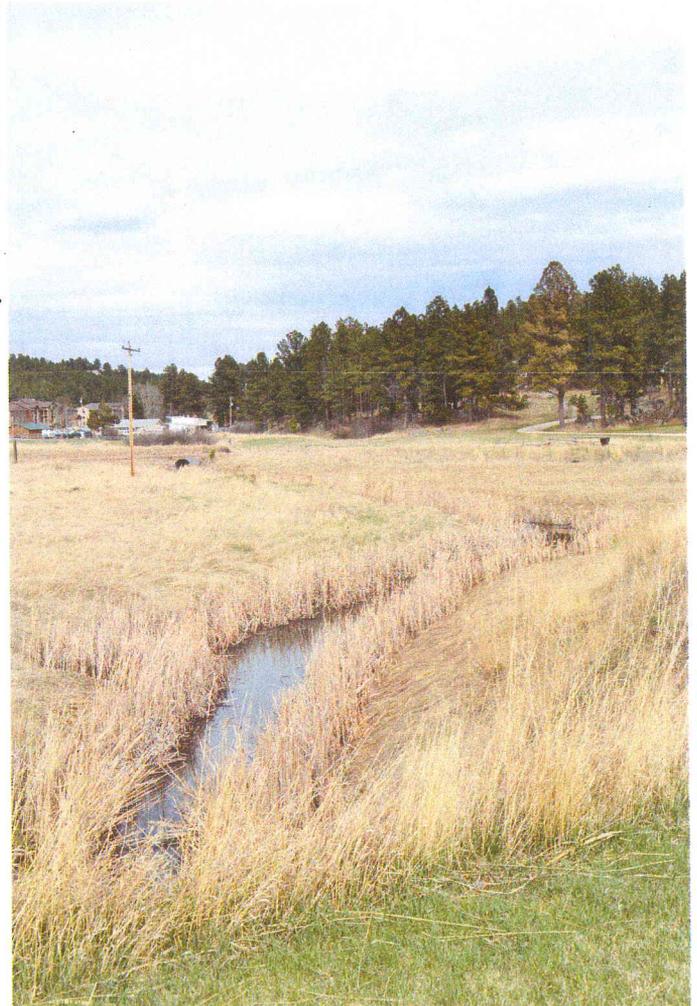


## **STORM WATER PRE-DISASTER MITIGATION PROJECT**

The City's approach would be to begin at the upstream end of town, West Dam, and increase storage capacity as much as possible. The idea is to reduce the flows of the 100 year storm event to a manageable volume through town. If we can raise the storage capacity of West Dam by 8 to 10 feet, we have a good start. We could obtain additional storage just below the dam as well. This should mitigate potential damages through town.

The South Dakota Emergency Management Office has approved and forwarded the City's grant application for about 1.25 million dollars in funding.

The project is estimated at \$100,000 for year 2014.



## **TECHNOLOGY**

As technology moves forward upgrades will need to be made to our server. The City's copy machine will also need to be looked at for replacement.

The project is estimated at \$10,000 for year 2014.

## **MOVING OF LIQUOR STORE WELL**

The moving of the well by the Liquor Store is shown as a two year project. Year 2014 would consist of moving or constructing a new water filter plant and connecting to existing infrastructure. Also cleanup on the existing well property to make it more valuable would be considered.

The project is estimated at \$400,000 for year 2014.



## **SOURCE WATER PROTECTION**

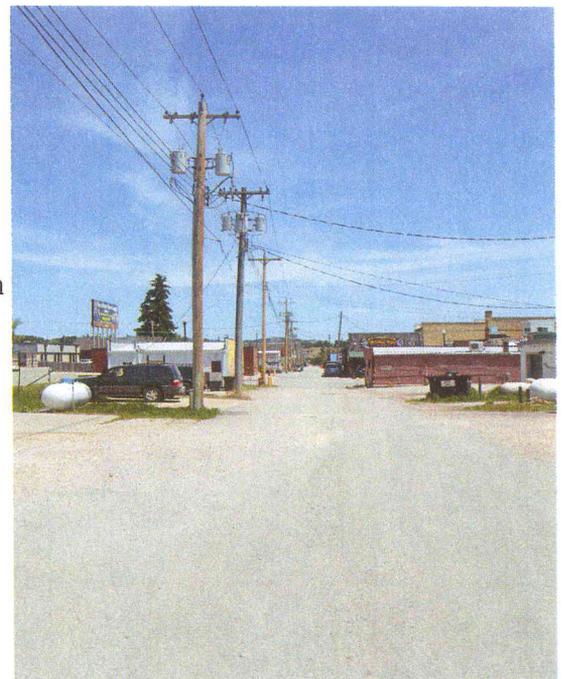
This would help to monitor improvements in the French Creek drainage area.

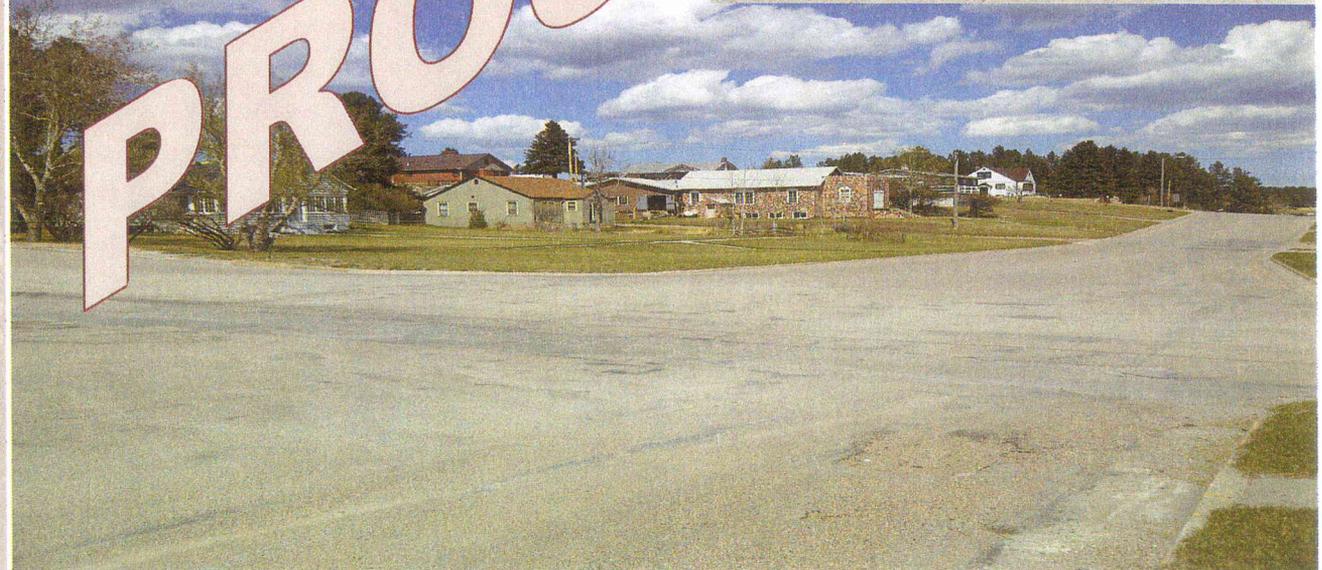
The project is estimated at \$25,000 for year 2014.

## **WATER LINE CONNECTION— ALLEY NORTH OF MT RUSH- MORE ROAD AND FIFTH STREET**

This would connect the water lines that are located in the alley north of Mt Rushmore Road on Fifth Street.

The project is estimated at \$50,000 for year 2014.

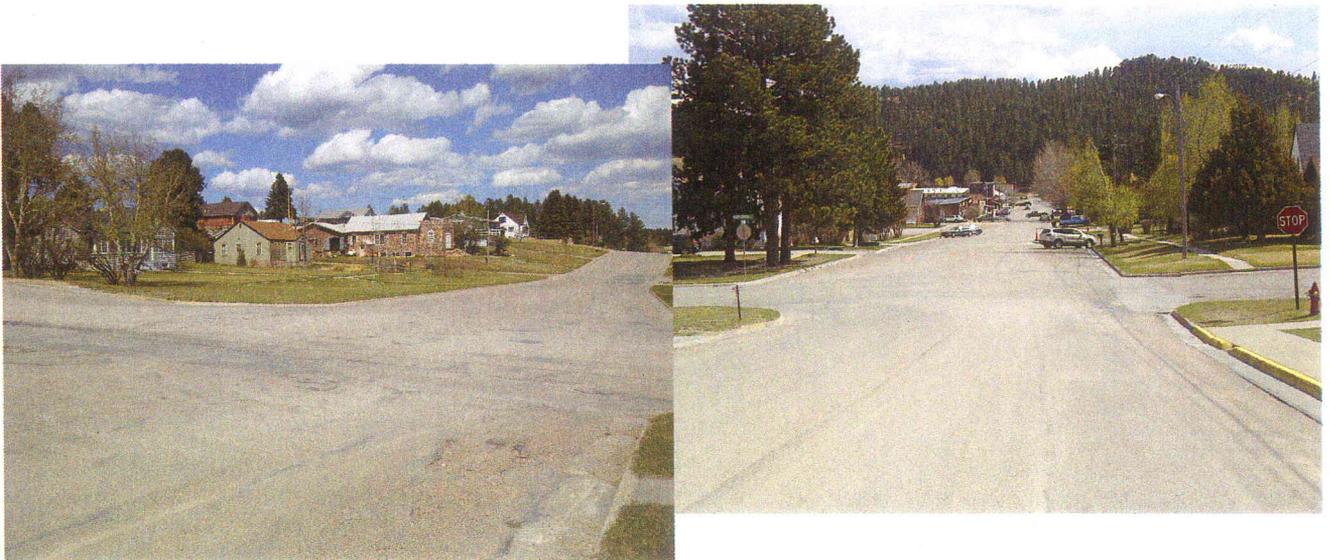




## **MONTGOMERY & 6TH STREET INTERSECTION AND STORM WATER**

The Montgomery & 6th Street project would include that intersection and possibly a hundred feet of each side of the intersection. This project would repair the street and include some storm water drainage work, curb and gutter. This project would tie into the storm drainage work that was done in 2011.

The project is estimated at \$195,000 for year 2015.



## **CHIP SEAL PROJECT**

The chip seal project would be for the northeast part of the city. The chip seal is an annual expenditure on a rotational basis to maintain streets within the City. This work will consist of a tack type material being sprayed on followed by a layer of 3/8" rock chips. This seals existing pavement and provides a new driving surface. See appendix A, chip seal map, area #4.

The project is estimated at \$85,000 for year 2015.

## **PARK & RECREATION COMMITTEE PROJECT**

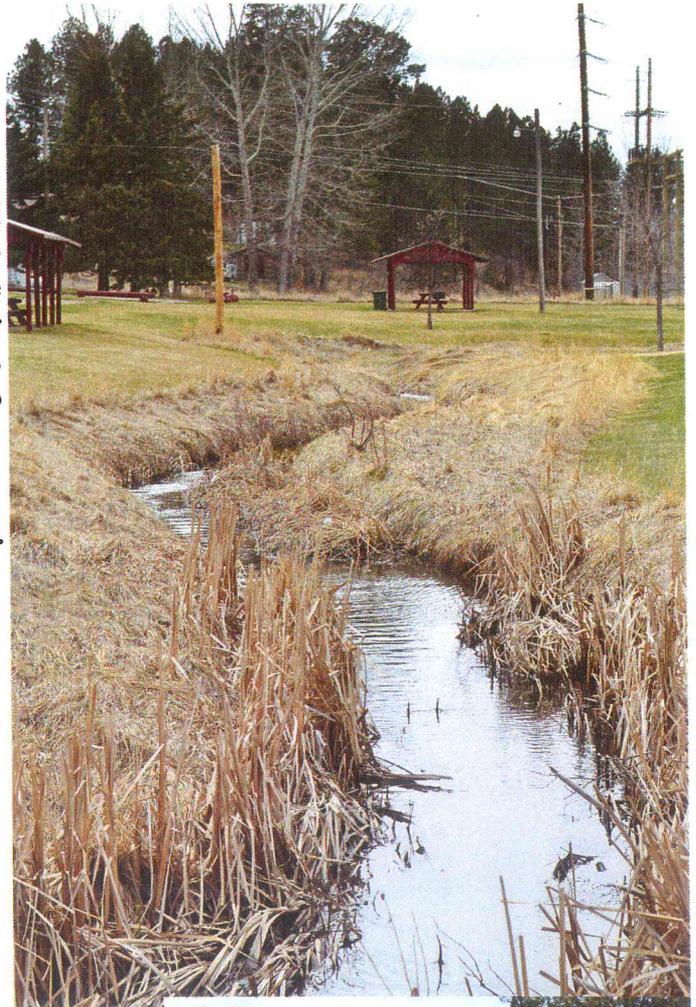
The Park & Recreation Committee receives \$25,000 per year from the BBB sales tax revenue to put towards their projects. At this time the committee is working on developing a five year plan for projects and projected cost. The \$25,000 annual budget should provide engineering or matching funds for the projects.

The project is estimated at \$25,000 for year 2015.

## **STORM WATER PRE-DISASTER MITIGATION PROJECT**

**The next storage point of significance would be that area from 11th Street to Bluebell extended. This would mitigate damages to the east of town and protect the Wastewater Treatment Plant. Channel improvements would occur between those two locations to the extent possible.**

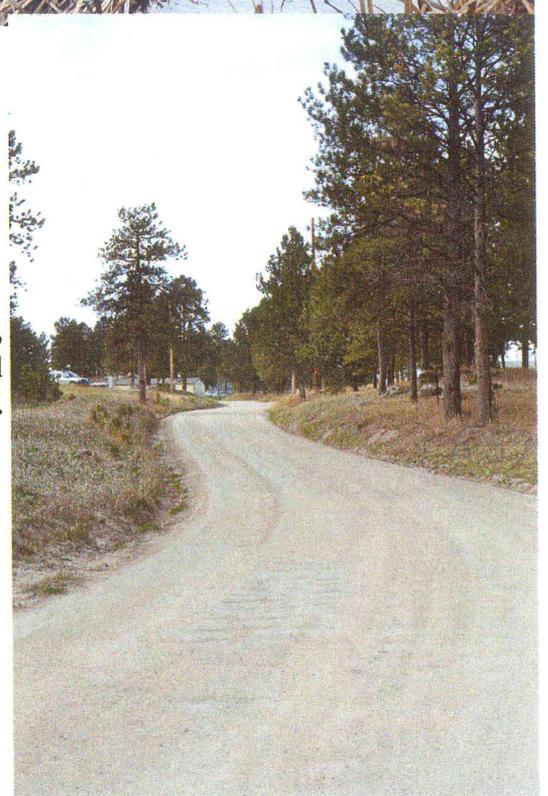
**The project is estimated at \$100,000 for year 2015.**



## **NORTH 3RD STREET**

**The Forest Service has suggested the curb & gutter, paving, etc. we have planned for the street be delayed until they do the addition on the Supervisor's Office. They will at that time cost share with the City.**

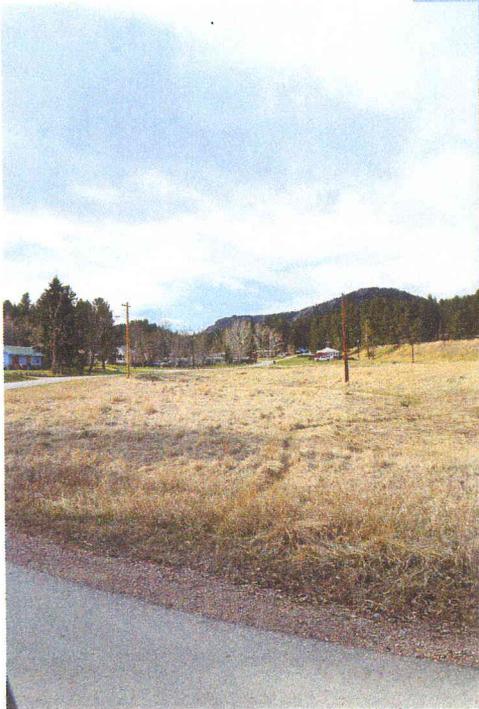
**The project is estimated at \$140,000 for year 2015.**



## **INMAN PARK DEVELOPMENT**

**Inman Park is located between North Eight Street and the Mickelson Trail. There is no park in this part of town and development has been discussed for years. This will be a unique project as it involves floodway, floodplain and wetlands. There is potentially some flood or sediment removal value in an excavated pond.**

**The project is estimated at \$75,000 for year 2015.**



## **VEHICLE REPLACEMENT**

**Replacement of one City vehicle.**

**The project is estimated at \$9,000 general fund, \$9,000 water fund and \$9,000 wastewater fund for year 2015.**

## **PAGEANT HILL RESTROOMS**

**This project would include construction of restrooms that would be connected to City utilities for use by the park users. The restrooms will be similar to the Way Park facility although a different exterior. This should increase usage of an under-utilized park in the City.**

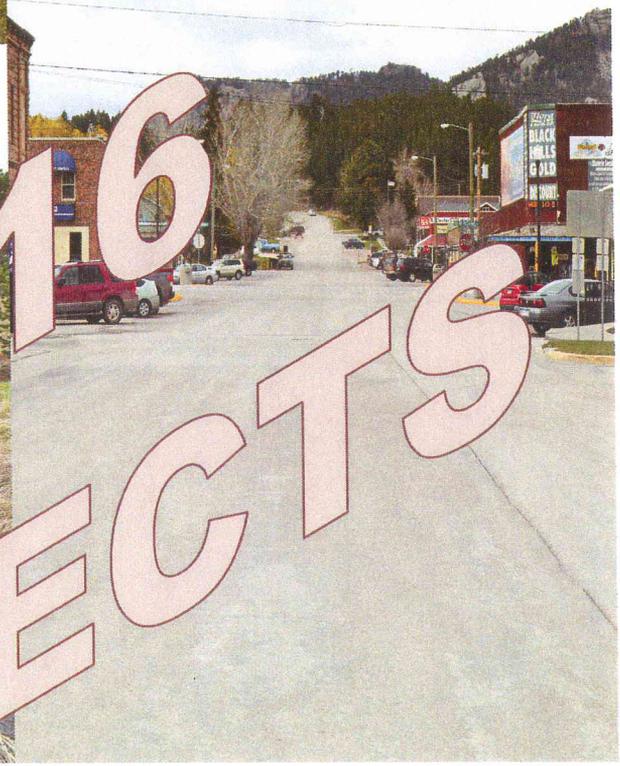
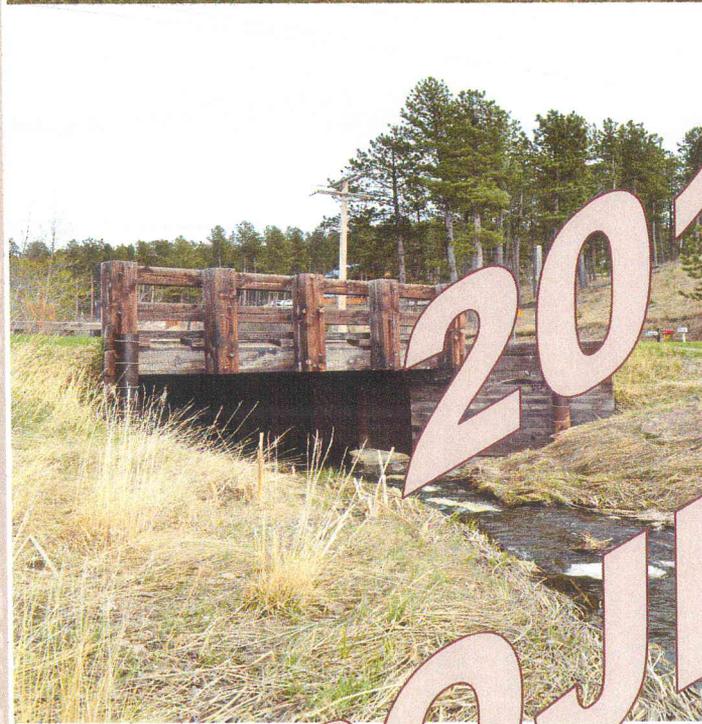
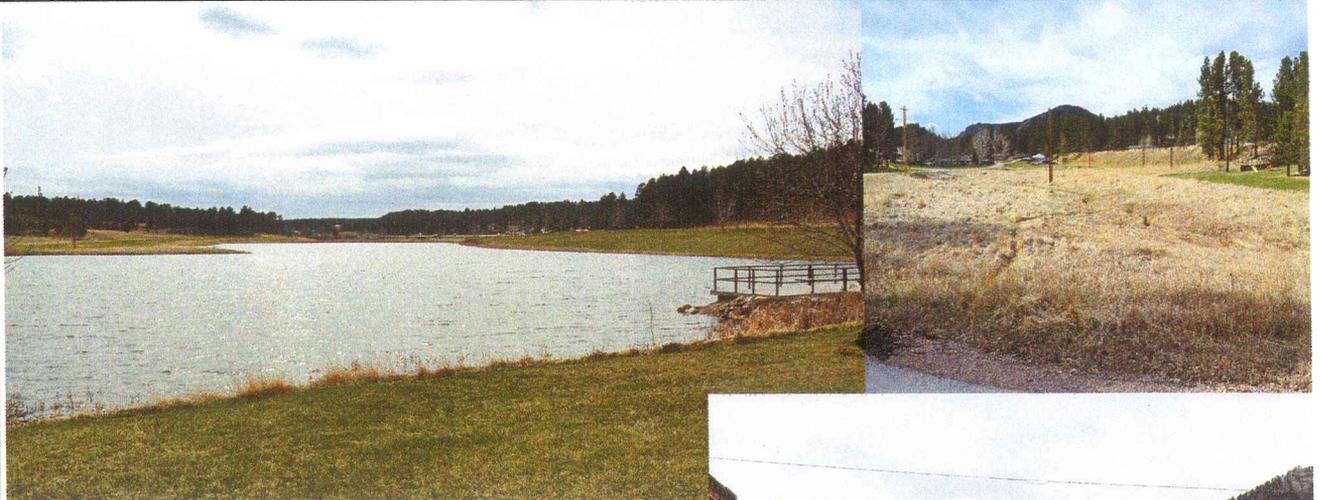
**The project is estimated at \$35,000 for year 2015.**



## **SOURCE WATER PROTECTION**

**This would help to monitor improvements in the French Creek drainage area.**

**The project is estimated at \$25,000 for year 2015.**



2016  
PROJECTS

## **CHIP SEAL PROJECT**

The chip seal is an annual expenditure on a rotational basis to maintain streets within the City. This work will consist of a tack type material being sprayed on followed by a layer of 3/8" rock chips. This seals existing pavement and provides a new driving surface. See appendix A, chip seal map, area #1.

The project is estimated at \$85,000 for year 2016.



## **PARK & RECREATION COMMITTEE PROJECT**

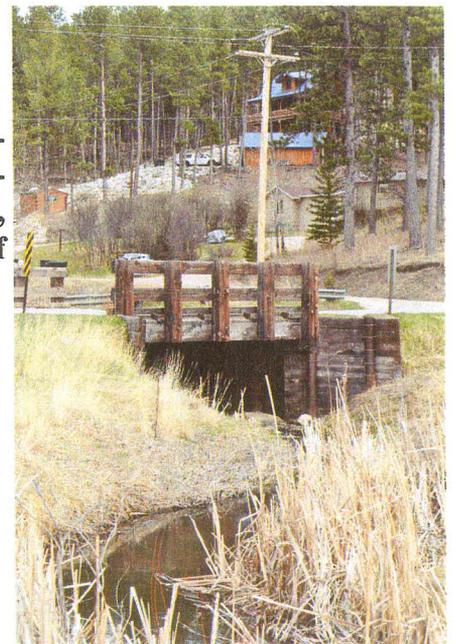
The Park & Recreation Committee receives \$25,000 per year from the BBB sales tax revenue to put towards their projects. At this time the committee is working on developing a five year plan for projects and projected cost. The \$25,000 annual budget should provide engineering or matching funds for the projects.

The project is estimated at \$25,000 for year 2014.

## **STORM WATER PRE-DISASTER MITIGATION PROJECT**

We anticipate money being expanded as follows: Year 1, engineering cost \$50,000 to \$100,000. Year 2, acquisition of properties as required estimated at \$250,000. Year 3 through 5, construction costs at about \$900,000. Year 6, development of LOMR, Letter of Map Revision, at about \$50,000.

The project is estimated at \$100,000 for year 2016.



## **PICNIC STRUCTURE BY CHAMBER**

The picnic structure by the Chamber of Commerce Building would be an open structure intended to be placed over the old ice-skating area to protect the ice in the winter and to provide a covered area for reunions, parties, etc. in the summer.

The project is estimated at \$80,000 for year 2016.



## **VEHICLE REPLACEMENT**

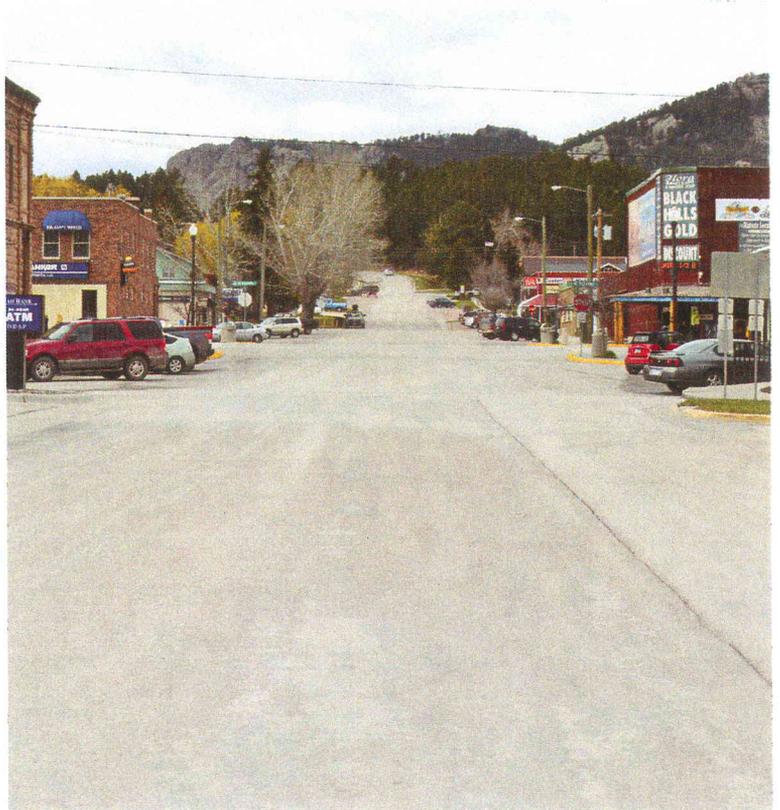
Replacement of one City vehicle.

The project is estimated at \$9,000 general fund, \$9,000 water fund and \$9,000 wastewater fund for year 2016.

## **SOUTH SIXTH STREET PROJECT**

South Sixth Street primarily needs new surfacing and specifically drainage control from Mt. Rushmore Road one-half block to the alley. The west side needs a sidewalk at street level for the safety of those parking there. This street section abuts our "Main Street" and needs to be beautified.

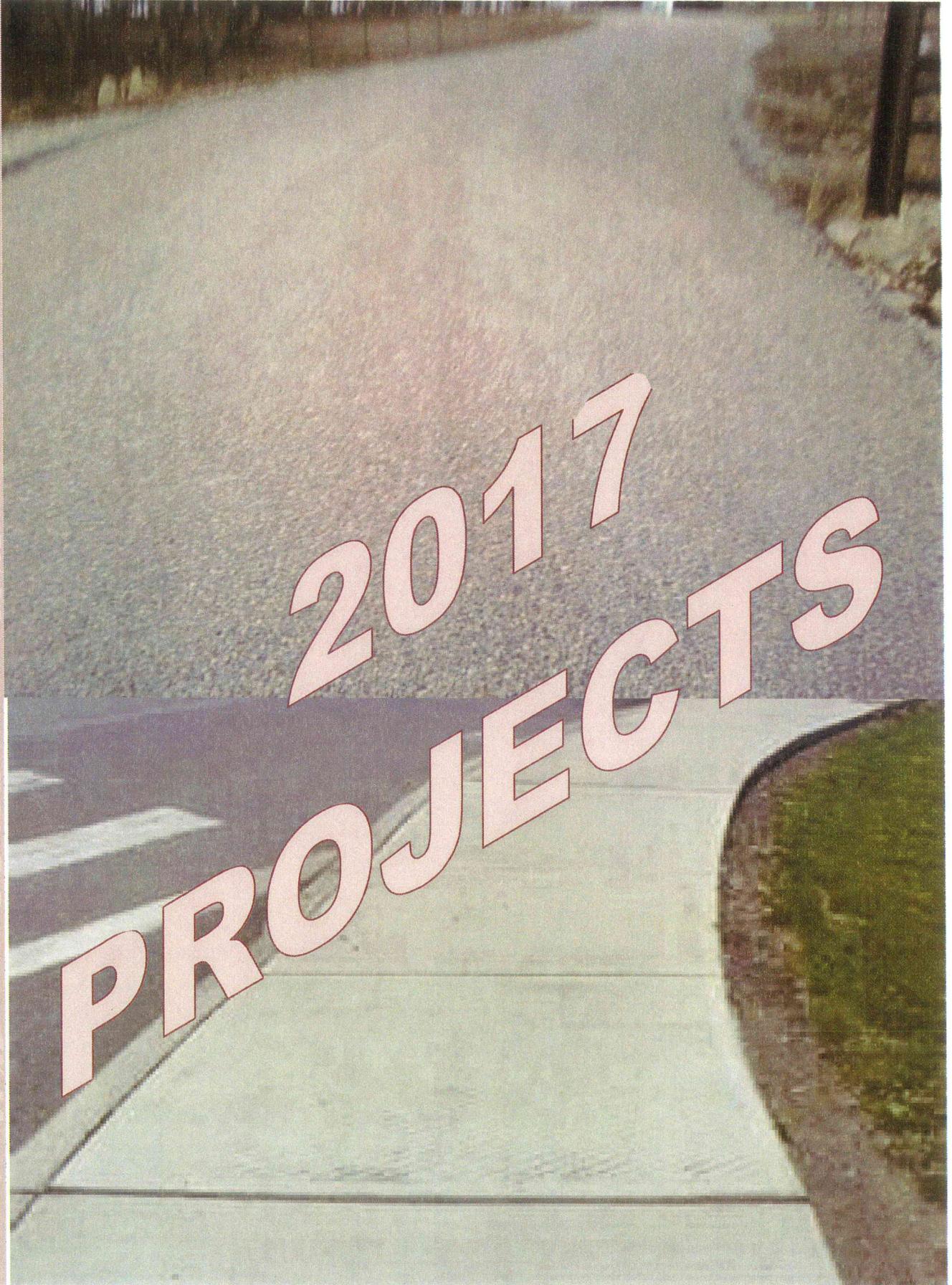
The project is estimated at \$150,000 for year 2016.



## **SOURCE WATER PROTECTION**

This would help to monitor improvements in the French Creek drainage area.

The project is estimated at \$25,000 for year 2015.



## **CHIP SEAL PROJECT**

The chip seal is an annual expenditure on a rotational basis to maintain streets within the City. This work will consist of a tack type material being sprayed on followed by a layer of 3/8" rock chips. This seals existing pavement and provides a new driving surface. See appendix A, chip seal map, area #5.

The project is estimated at \$85,000 for year 2017.



## **PARK & RECREATION COMMITTEE PROJECT**

The Park & Recreation Committee receives \$25,000 per year from the BBB sales tax revenue to put towards their projects. At this time the committee is working on planning for future projects.

The project is estimated at \$25,000 for year 2017.

## **SIDEWALKS FROM MIDDLE SCHOOL TO FOOTBALL FIELD**

This location was selected as the initial location in "old town" to install new sidewalks in residential areas. It is a safety thing eliminating the need for athletes to walk in the streets.

The project is estimated at \$120,000 for year 2017.



## **ANIMAL SHELTER**

The City needs to develop a small facility for mostly short-term retention of animals. It will require heated indoor and also outdoor capabilities. It must also have water and sewer.

The project is estimated at \$150,000 for year 2017.

