



213 S. Marquette St. Ironwood, MI 49938
Memorial Building, Conference Room #1, 2nd Floor

Parks and Recreation Committee Meeting Agenda

1. Call to Order
2. Recording of the Roll
3. Approval of the September 4, 2014 Meeting Minutes
4. Approval of the Agenda
5. Citizens wishing to address the Committee on Items on the Agenda (Three-Minute Limit)
6. Citizens wishing to address the Committee on items not on the Agenda (Three-minute limit)
7. Parks Financials
8. Items for Discussion and Consideration
 - a. Capital Improvement Plan (CIP)
 - b. Trail Priorities
 - c. Miners Master Plan – extraction of natural resources
 - d. Art Master Plan
9. Project Updates
 - a. Comprehensive/Park and Recreation Plan Implementation Status
10. Other Business
11. Next Meeting: November 3, 2014
12. Adjournment



**Proceedings of the Parks and Recreation Committee
Thursday, September 4, 2014, 5:30 p.m.**

A regular meeting of the Parks and Recreation Committee was held on Thursday, September 4, 2014 at 5:30 P.M. in the Conference Room #1, Second Floor, Memorial Building, Ironwood, Michigan.

1. Call to Order:

Chair Davey called the meeting to order at 5:30 p.m.

2. Recording of the Roll:

MEMBER	PRESENT		EXCUSED	NOT EXCUSED
	YES	NO		
Anderson, Paul	X			
Burchell, Annette		X		X
Davey, Sam – Chair	X			
Kangas, Tom	X			
Rick Semo, ex-officio, non-voting	X			
True, Marion	X			
Vuorenmaa, Bruce		X		X
Wamhoff, Colleen		X	X	
	4	Quorum		

Also present, Community Development Director Michael J.D. Brown.

3. Approval of the Minutes:

Motion by Kangas to approve the July 4, 2014 Meeting Minutes. **Second** by Anderson. **Motion carried 4 to 0.**

4. Approval of the Agenda:

Motion by True to accept the Agenda. **Second** by Anderson. **Motion carried 4 to 0.**

5. Citizens wishing to address the Committee on Items on the agenda (Three-Minute Limit):

None

6. Citizens wishing to address the Committee on items not on the Agenda (Three-minute limit):

None

7. Park Financials – none to present.

8. Items for discussion and consideration:

- a. Longyear Park Playground Specifications (DNR Grant): Director Brown updated the committee on the park. He had met with the same company that did the Norrie Park playground. They had discussed handicapped accessible equipment. The project is \$60,000 and they have about \$50,000 for the project. There will also be some sidewalk and curb work for handicapped accessibility along with an enclosure and concrete pad around the outhouse. Most of the money is a donation from the disbanded Jaycees Club. The work that is contracted out is the playground equipment, path extension and curb. The other work can be done by city labor. Director Brown stated that the City Commission just approved the grant agreement then they will do the bidding process. The equipment will be all inclusive and the age range will be from 0-12. True asked if where the existing playground equipment is going. Director Brown indicated that it remain and the new equipment will just add to the park. Since the money was donated for this cause, the money must be spent in Longyear Park. Semo stated that the grounds are worn under the playground equipment. The committee suggested that the City crew be notified to help clean up and level worn areas under the swings and slides. Much discussion about the bid process followed.
- b. Mt. Zion: Chair Davey updated the committee on the progress. He has contact Beaver Tree Service and needs to set up a date to meet. He also has a possible source of funding. Chair Davey is hoping to get the College and the Township on board with the project. Director Brown met with James Lorensen at GCC about the project. Lorensen is excited about the project and stated that GCC might be a potential partner. True suggested that a partnership with the Township and GCC, working together as a team. Kangas suggested that the committee look into Pure Michigan signs for Mt. Zion. Director Brown suggest that the committee waits to jump ahead without a way finding plan in place. True asked what kind of support the Township is giving. True suggested that the committee provide a way that the Township would benefit from a partnership. He also stated that it is a positive thing for the entire community. Semo asked if we need permission from anyone to move ahead. Director Brown stated that this is a maintenance issue and therefore doesn't need approval from the commission. Kangas brought to the committee's attention that gravel is needed on top of the hill. Semo suggested that they coordinate with Neil to fill the needed area with gravel.
- c. Art Park: Director Brown updated the committee on the proposed art park that was developed by a small group from the DAP. This same plan was presented to the DIDA. The proposal is a 5 foot sidewalk, 20 foot concrete pad for art displays and performances, fruit trees as an edible garden concept, multiple concrete pads for art, a wall in the back to display art, parking in the back, a chalk board, a mural similar to the miners mural, electrical needs, lighting, benches and picnic tables. He then talked about MEDC Kickstarter grant which is a 50/50 grant. The other funding option is through MCACA grant. Director Brown suggested that they utilize both grants for this project. The hope is to do the park for free, without the City contributing. The committee agreed that this is a great idea.

9. Project Updates:

- a. Comprehensive/Park and Recreation Plan Implementation Status: Director Brown updated the committee on the progress of the plan. He wants to discuss the trail plan at the next meeting. Kangas has talked with HOPE animal shelter at obtaining a trail from the Governors Trail to the Miners Park. Semo brought up a trail summit concept and suggested that this could be a component of the plan. Director Brown is working with the motorized group.
 - i. Master Plan for the Miners Park. The plan is currently underway.
 - ii. Incorporate art in the city wide arts planning. Director Brown has met with a few members from the DAP to create an art plan.
 - iii. The Depot park plan. They have applied for a playground through a DNR Trust Fund grant.

10. Other Business:

- a. Letter submitted about the Curry Park. Chair Davey agreed with the suggestions submitted. Director Brown indicated that when the City takes in revenue, the money goes into the General Fund. He would like to see that go into a separate fund designated for a parks project fund. Semo stated that the City hasn't placed much money into parks, but is important to do so.
- b. Anderson brought up parks north of the highway. Kangas stated that he talked with Little Bear Construction about the property east of his property. Chair Davey suggested that in order to have better coverage on the north side, two parks are needed. Director Brown then suggested that the committee mark this down as an important priority, if they desire. Chair Davey mentioned that he has been researching natural playgrounds at a lower cost, which should be considered for the north side parks.

11. Next Meeting: October 6, 2014 at 5:30 p.m.

12. Adjournment: **Motion** by True to adjourn the meeting. **Second** by Anderson. **Motion Carried 4 to 0.** Adjournment at 6:30 p.m.

Respectfully Submitted

Sam Davey, Chair

Tim Erickson, Community Development Assistant



MEMO

To: Chair Davey and the Parks and Recreation Committee

From: Michael J. D. Brown, Community Development Director

Date: September 29, 2014

Meeting Date: October 6, 2014

Re: Comprehensive Plan Strategy 4.5: Prioritize, Plan for and Construct Trail System Improvements

One of the Comprehensive Plan priorities the Committee set for this year is Strategy 4.5 Prioritize, Plan for and Construct Trail System Improvements. Attached is the non-motorized trail plan for review. By 2015 the main spine of the regional trail will be constructed through Ironwood. The Committee should have a discussion about:

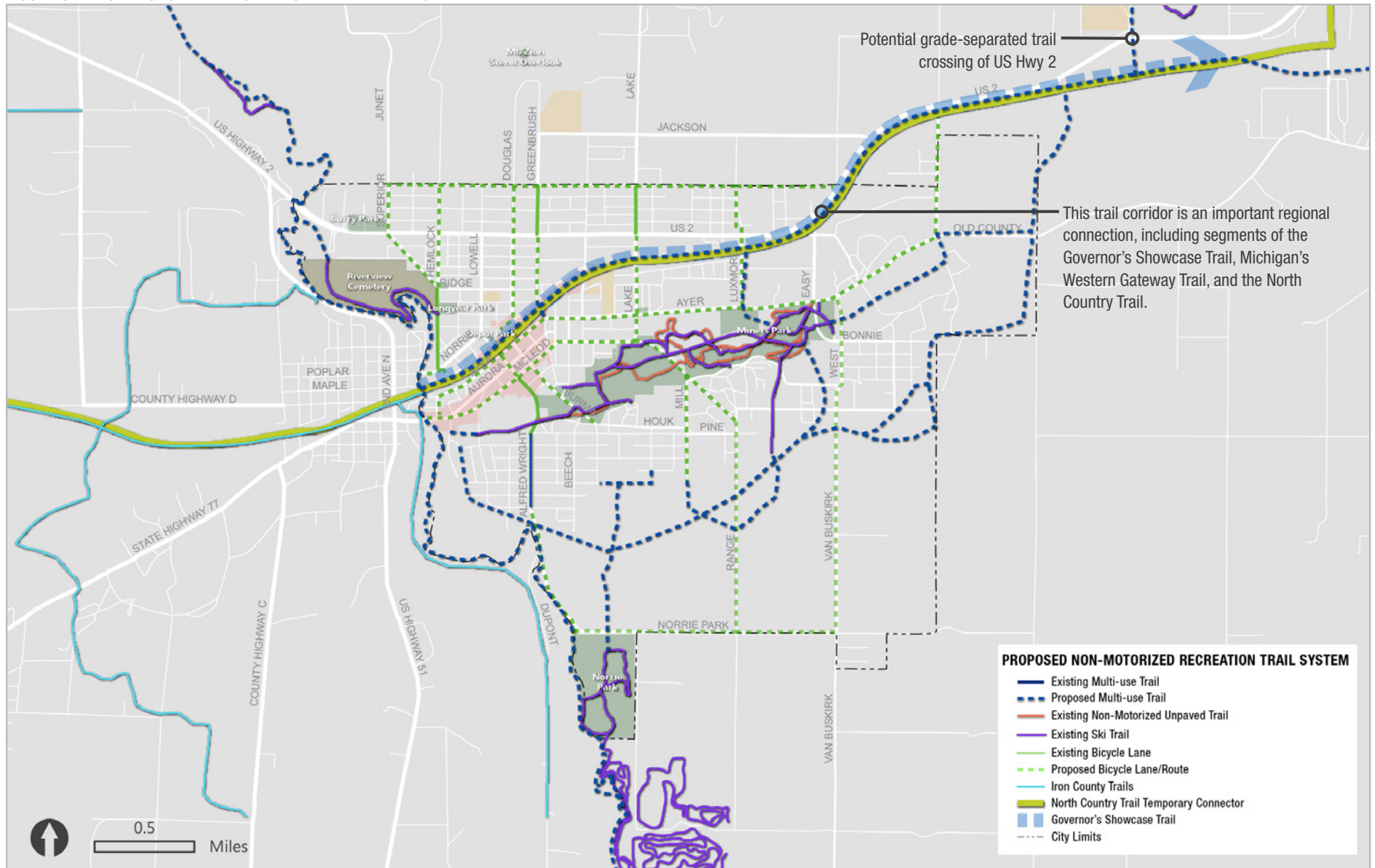
1. The next area it would like to focus on to provide connections from the community to the regional trail and throughout the City; and
2. Prioritizing acquisition versus construction

In the future a map analysis of City/public owned property versus private will be discussed. There may be many areas that proposed trail runs through private property and either acquisition of property will need to be completed or easements will need to be obtained.

In addition, a park fund for capital improvements should be established per Strategy 5.1(b); this will be required to take place through the City budget process. It will be difficult to acquire property and construct trails without adequate funding; available grants will require some form of match.

I recently met with a Western UP Trail Association (WUPTA) representative regarding motorized trails. As part of Strategy 5.2(b) I plan to hold a trail summit to discuss motorized versus non-motorized trails and establish an official motorized trail map to be approved by the City of Ironwood. As part of the analysis, an overlay map of motorized and non-motorized trails would be presented to determine what conflicts could exist and all trail users can work together.

FIGURE 5-4. NON-MOTORIZED RECREATIONAL TRAIL NETWORK MAP



Capital Improvement Program

'15/'16 thru '19/'20

Department Code Enforcement
Contact Jason Alonen-Code Enforceme
Type Improvement
Useful Life
Category Buildings
Priority 4 Less Important

City of Ironwood, Michigan

Project # CE-14-001
Project Name Demolition Projects-Annual

Account #
 Account #

Total Project Cost: \$100,000

Description
 Use yearly demolition money for structure removal.

Justification
 Plenty of condemnable structures in town

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	20,000	20,000	20,000	20,000	20,000	100,000
Total	20,000	20,000	20,000	20,000	20,000	100,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	20,000	20,000	20,000	20,000	20,000	100,000
Total	20,000	20,000	20,000	20,000	20,000	100,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Code Enforcement
Contact Jason Alonen-Code Enforceme
Type Improvement
Useful Life
Category Buildings
Priority 3 Important

City of Ironwood, Michigan

Project # CE-16-001
Project Name NSP 2 Grant

Account #
Account #

Total Project Cost: \$200,000

Description
 Apply for up coming NSP2 Demolition Grant.
 NOT QUALIFIED DUE TO POPULATION

Justification
 Help with removal of blighted & abandoned properties.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	200,000					200,000
Total	200,000					200,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant - State	200,000					200,000
Total	200,000					200,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Code Enforcement
Contact Jason Alonen-Code Enforceme
Type Improvement
Useful Life
Category Buildings
Priority 4 Less Important

City of Ironwood, Michigan

Project # CE-16-002
Project Name Code Enforcement Software

Account #
Account #

Total Project Cost: \$3,000

Description
 New software that can work with other City software.

Justification
 Increase efficiency

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Planning/Design/inspection-GF	3,000					3,000
Total	3,000					3,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	3,000					3,000
Total	3,000					3,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Community Development

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	CDD-14-003
Project Name	HOMEOWNER REHAB. GRANT

Type Improvement

Useful Life 10

Category Buildings

Priority 2 Very Important

Account #

Account #

Total Project Cost: \$625,000

Description
This is a grant program offered thru Michigan State Housing Development Authority (MSHDA) for owners occupied single family home rehabilitation in the Norrie neighborhood location.

Justification
The Norrie location is a high priority for the City and MSHDA. This is an important neighborhood section leading to Norrie Park recreational areas.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	125,000	125,000	125,000	125,000	125,000	625,000
Total	125,000	125,000	125,000	125,000	125,000	625,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant - MSHDA	75,000	75,000	75,000	75,000	75,000	375,000
Owners Contribution	50,000	50,000	50,000	50,000	50,000	250,000
Total	125,000	125,000	125,000	125,000	125,000	625,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Community Development

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project # CDD-14-004
Project Name Rental Rehab. Project

Type Improvement

Useful Life

Category Buildings

Priority 2 Very Important

Account #

Account #

Total Project Cost: \$875,000

Description

This is a grant program offered thru Michigan State Housing Development Authority (MSHDA) for rental unit rehabilitation in the downtown.

Justification

The program is a high priority for the City and MSHDA. This is an important part of the on-going downtown redevelopment efforts.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	125,000	125,000	125,000	125,000	125,000	625,000
Total	125,000	125,000	125,000	125,000	125,000	625,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant - State	93,750	93,750	93,750	93,750	93,750	468,750
Owners Contribution	31,250	31,250	31,250	31,250	31,250	156,250
Total	125,000	125,000	125,000	125,000	125,000	625,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Community Development

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	CDD-15-001
Project Name	Miners Memorial Heritage Park (MMHP)

Type Improvement

Useful Life

Category Park Improvements

Priority 4 Less Important

Account #

Account #

Total Project Cost: \$30,000

Description
Complete Master Plan for the Miners Memorial Heritage Park (MMHP) - Outside grant funds are needed.

Justification
In 2010, the City Commission adopted a resolution establishing the MMHP and designating the Friends of MMHP to lead park development. A professionally developed Park Master Plan is needed.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Planning/Design/inspection-GF	10,000	10,000				20,000
Total	10,000	10,000				20,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant	10,000	10,000				20,000
Total	10,000	10,000				20,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Community Development

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	CDD-15-002
Project Name	Spec. Bldg. Completion

Type Improvement

Useful Life

Category Buildings

Priority 3 Important

Account #

Account #

Total Project Cost: \$200,000

Description
Completion of Industrial Park Speculation Building - Running Water & Sewer, Electrical to Building. Finishing floor and interior space.

Justification
Unknown user will move in and creat 16 new jobs for the area.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	200,000					200,000
Total	200,000					200,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant - State	200,000					200,000
Total	200,000					200,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Community Development

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	CDD-15-003
Project Name	Downtown Façade Grant CDBG

Type Improvement

Useful Life 10

Category Buildings

Priority 1 Critical

Account #

Account #

Total Project Cost: \$600,000

Description
Grant to Michigan Economic Development Corporation to incentivize property owners in the DIDA District to improve the exterior of buildings; will accommodate 6 - 10 properties (maximum grant amount \$400,000)

Justification
This is a 50/50 grant program, with the matching portion coming from the owner of the property.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	300,000	300,000				600,000
Total	300,000	300,000				600,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant - MEDC	200,000	200,000				400,000
Owners Contribution	100,000	100,000				200,000
Total	300,000	300,000				600,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Community Development

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	CDD-15-004
Project Name	Internet Technology Projects

Type Improvement

Useful Life

Category Unassigned

Priority 3 Important

Account #

Account #

Total Project Cost: \$65,000

Description
Develop Internet Technology projects that build on public Internet upgrade across the Upper Peninsula.

Justification
The federally funded upgrade of Internet capacity in our region provides opportunities for the City to tap that capacity in the Downtown and the Industrial Park.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance			15,000	50,000		65,000
Total			15,000	50,000		65,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund			15,000			15,000
Grant				50,000		50,000
Total			15,000	50,000		65,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Community Development

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project # CDD-15-005
Project Name Art Park in Downtown

Type Unassigned

Useful Life 20

Category Unassigned

Priority 2 Very Important

Account #

Account #

Total Project Cost: \$50,000

Description
 Develop an Art Park in the Downtown for public art display.

Justification
 It's called for in the downtown blueprint plan

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		50,000				50,000
Total		50,000				50,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant		50,000				50,000
Total		50,000				50,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Community Development

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	CDD-16-001
Project Name	Downtown Enhancement

Type Improvement

Useful Life 20

Category Unassigned

Priority 2 Very Important

Account #

Account #

Total Project Cost: \$700,000

Description
Enhance the downtown by installing additional street lights, enhanced crosswalks, banners, public art / Art Park.

Justification
The downtown Blueprint identifies projects to enhance the downtown to improve the economy and cultural aspects of the community.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Planning/Design/inspection-GF	100,000					100,000
Construction/Maintenance	600,000					600,000
Total	700,000					700,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Federal Grant	500,000					500,000
General Fund	200,000					200,000
Total	700,000					700,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department DPW

City of Ironwood, Michigan

Contact Scott Erickson, City Manager

Project # DPW-10-001
Project Name Repair/Replace UPS Roof

Type Maintenance

Useful Life 15

Category Buildings

Priority 2 Very Important

Account #

Account #

Total Project Cost: \$42,000

Description
 Repair and/or replace existing roof on UPS side of the building. Possibly extended the rubberized roof at this location.

Justification
 Upkeep City facilities.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance			42,000			42,000
Total			42,000			42,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund			42,000			42,000
Total			42,000			42,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department DPW
 Contact Scott Erickson, City Manager
 Type Improvement
 Useful Life
 Category Buildings
 Priority 3 Important

City of Ironwood, Michigan

Project # DPW-15-001
 Project Name Repair Metal Siding on DPW Building

Account #
 Account #

Total Project Cost: \$10,000

Description
 Metal siding on DPW garage is dented, rusty and in need of repair in spots.

Justification
 Upkeep of City facilities

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Other		10,000				10,000
Total		10,000				10,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund		10,000				10,000
Total		10,000				10,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Equip Fund
Contact Jim Kolesar, Shop Foreman
Type Equipment
Useful Life 15
Category Equipment: DPW Equip
Priority 2 Very Important

City of Ironwood, Michigan

Project # EQP-10-001
Project Name Vehicle Replacement - #84 Elgin Sweeper

Account #
 Account #

Total Project Cost: \$135,000

Description
 Replace #84 Street Elgin Sweeper with New Sweeper #135,000.

Justification
 Replace Old Equipment worn out.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings				135,000		135,000
Total				135,000		135,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equipment Fund				135,000		135,000
Total				135,000		135,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Equip Fund
Contact Jim Kolesar, Shop Foreman
Type Equipment
Useful Life 10
Category Equipment: DPW Equip
Priority 2 Very Important

City of Ironwood, Michigan

Project # EQP-10-003
Project Name Vehicle Replacement - #22 Ford 1 Ton Dump

Account #
 Account #

Total Project Cost: \$33,000

Description
 Replace #22 Cemetery 1986 Ford 1 Ton 4x4 Dump with new 1 Ton 4x4 Dump.

Justification
 Replace Old Equipment worn out.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings			33,000			33,000
Total			33,000			33,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equipment Fund			33,000			33,000
Total			33,000			33,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Equip Fund
Contact Jim Kolesar, Shop Foreman
Type Equipment
Useful Life
Category Equipment: DPW Equip
Priority 2 Very Important

City of Ironwood, Michigan

Project # EQP-11-003
Project Name Reversible 12' Henke Plow - #79

Account #
 Account #

Total Project Cost: \$17,000

Description
 Plow for a 12' reversible (Henke) Plow

Justification
 Replacement of current plow - worn out and in constant need of repair.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings		17,000				17,000
Total		17,000				17,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equipment Fund		17,000				17,000
Total		17,000				17,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Equip Fund
 Contact Jim Kolesar, Shop Foreman
 Type Equipment
 Useful Life
 Category Vehicles
 Priority 3 Important

City of Ironwood, Michigan

Project # **EQP-14-001**
 Project Name **Vehicle Replacement # 32 - 3/4 Ton Pickup w/Plow**

Account #
 Account #

Total Project Cost: \$40,000

Description
 Replace Truck #32 with new 3/4 ton 4x4 truck with plow.

Justification
 Replace #32 that is at the end of its useful life.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings			40,000			40,000
Total			40,000			40,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equipment Fund			40,000			40,000
Total			40,000			40,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department General Fund

City of Ironwood, Michigan

Contact Karen Gullan - City Clerk

Project # GF-14-001

Type Improvement

Project Name Pontem Cemetery Management Software

Useful Life

Category Equipment: Computers

Account #

Priority 3 Important

Account #

Total Project Cost: \$5,000

Description

Pontem online burial service set up cost with annual web hosting, GIS burial search, software license, plus scanning of cards.

Justification

To allow public access to cemetery records online.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Planning/Design/inspection-GF		5,000				5,000
Total		5,000				5,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund		5,000				5,000
Total		5,000				5,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department General Fund

City of Ironwood, Michigan

Contact Karen Gullan - City Clerk

Project #	GF-15-002
Project Name	Memorial Building Work

Type Maintenance

Useful Life 20

Category Buildings

Priority 1 Critical

Account # 101-265-000-930-000

Account #

Total Project Cost: \$40,000

Description
Repair back of Memorial Building and caulk front entrance stairs and Handicap ramp.

Justification
Routine Building Maintenance.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	40,000					40,000
Total	40,000					40,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Building Fund	40,000					40,000
Total	40,000					40,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department General Fund

City of Ironwood, Michigan

Contact Karen Gullan - City Clerk

Project #	GF-15-003
Project Name	New Fire Alarm System - Memorial Building

Type Improvement

Useful Life 20

Category Buildings

Priority 1 Critical

Account #

Account #

Total Project Cost: \$30,000

Description
New Fire Alarm System - Memorial Building

Justification
Old Alarm system is not functioning properly and needs to be updated/replaced.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	30,000					30,000
Total	30,000					30,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	15,000					15,000
Grant - MMRMA	15,000					15,000
Total	30,000					30,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department General Fund

City of Ironwood, Michigan

Contact Dennis Hewitt, Computer Spe

Project #	GF-15-006
Project Name	New BS&A Software

Type Equipment

Useful Life 15

Category Unassigned

Priority 2 Very Important

Account #

Account #

Total Project Cost: \$75,000

Description
Purchase BS&A.NET version of Fundbalance Software.

Justification
This will allow better communication between assessing, tax and the Fundbalance programs. With two vendors now, installing new computers is time consuming and the service from Fundbalance has not been very good lately.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings	25,000	25,000				50,000
Total	25,000	25,000				50,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	25,000	25,000				50,000
Total	25,000	25,000				50,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department General Fund

City of Ironwood, Michigan

Contact Karen Gullan - City Clerk

Project #	GF-16-001
Project Name	Courtyard Repair - Memorial Building

Type Improvement

Useful Life 15

Category Buildings

Priority 2 Very Important

Account #

Account #

Total Project Cost: \$30,000

Description
Repair ceiling in Furnace room - pavement above, overlay courtyard area.

Justification
Currently leaking into furnace area of Memorial Building

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		15,000	15,000			30,000
Total		15,000	15,000			30,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund		15,000	15,000			30,000
Total		15,000	15,000			30,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department General Fund
Contact Dennis Hewitt, Computer Spe
Type Equipment
Useful Life 3
Category Equipment: Miscellaneous
Priority 3 Important

City of Ironwood, Michigan

Project # GF-16-002
Project Name Computer Upgrades

Account #
 Account #

Total Project Cost: \$25,000

Description
 Purchase 3 new computers each year.

Justification
 To keep up with technology, ordering 3 per year is easier to budget for and then no one has outdated equipment.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings	5,000	5,000	5,000	5,000	5,000	25,000
Total	5,000	5,000	5,000	5,000	5,000	25,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	5,000	5,000	5,000	5,000	5,000	25,000
Total	5,000	5,000	5,000	5,000	5,000	25,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department General Fund

City of Ironwood, Michigan

Contact Karen Gullan - City Clerk

Project #	GF-16-003
Project Name	Recodification

Type Improvement

Useful Life

Category Unassigned

Priority n/a

Account #

Account #

Total Project Cost: \$20,000

Description
Legal review of Code of Ordinances.

Justification

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Other	20,000					20,000
Total	20,000					20,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	20,000					20,000
Total	20,000					20,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department General Fund

City of Ironwood, Michigan

Contact

Project # **GF-17-001**
 Project Name **Memorial Building Gym & Lunch Room Painting**

Type Improvement

Useful Life

Category Unassigned

Priority 2 Very Important

Account #

Account #

Total Project Cost: \$17,000

Description
 Paint & repair walls & Ceiling in the Gym, mens locker room/showers & womens locker room.

Justification

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		17,000				17,000
Total		17,000				17,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund		17,000				17,000
Total		17,000				17,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department General Fund

City of Ironwood, Michigan

Contact Karen Gullan - City Clerk

Project #	GF-17-002
Project Name	Remodel Bathrooms - Memorial Building

Type Improvement

Useful Life 20

Category Buildings

Priority 2 Very Important

Account #

Account #

Total Project Cost: \$20,000

Description
Remodel Bathrooms - - Retime Floors - Repaint Stall Dividers - Replace Toilets Update main floor restrooms first and upstairs the following year.

Justification
Update Restrooms for the public/community.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		10,000	10,000			20,000
Total		10,000	10,000			20,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund		10,000	10,000			20,000
Total		10,000	10,000			20,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department General Fund
Contact Karen Gullan - City Clerk
Type Improvement
Useful Life 20
Category Unassigned
Priority 2 Very Important

City of Ironwood, Michigan

Project # GF-17-003
Project Name Codification of Ordinances

Account #
 Account #

Total Project Cost: \$20,000

Description

Justification

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Other		20,000				20,000
Total		20,000				20,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund		20,000				20,000
Total		20,000				20,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department General Fund
Contact Karen Gullan - City Clerk
Type Improvement
Useful Life 20
Category Buildings
Priority 2 Very Important

City of Ironwood, Michigan

Project # GF-18-001
Project Name Furnace Replacement - Memorial Building

Account #
 Account #

Total Project Cost: \$50,000

Description
 Replace furnaces Memorial Builing - add air conditioning to auditorium.

Justification
 Over 20 years old - efficiency issues - add air conditioning to auditorium.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings			50,000			50,000
Total			50,000			50,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund			50,000			50,000
Total			50,000			50,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department General Fund
Contact Dennis Hewitt, Computer Spe
Type Equipment
Useful Life 5
Category Unassigned
Priority 1 Critical

City of Ironwood, Michigan

Project # GF-18-002
Project Name New Server - Memorial Bldg

Account #
 Account #

Total Project Cost: \$20,000

Description
 Replace Network Server.

Justification
 Usefull life of about 5 years last replaced in 2013.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings					20,000	20,000
Total					20,000	20,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund					20,000	20,000
Total					20,000	20,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Scott Erickson, City Manager

Project # PRK-09-001
Project Name Norrie Park Road Multi-Use Trail - Sidewalk

Type Improvement

Useful Life 25

Category Sidewalks

Priority 3 Important

Account #

Account #

Total Project Cost: \$50,000

Description

Provide a Multi-use/Sidewalk-Trail from Lowell Street to Norrie Park, Norrie School Redevelopment Project, Local Neighborhood, existing and future cross-country ski/walking trails. In F.Y. 14/15 trail to Lime Street and then in F.Y. 15/16 continue to Norrie Park and Balance of Expenditures & Funding Source.

Trail complete from Vaughn to Lime Streets.

Justification

Extension of existing trail along Alfred Wright Blvd.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
New Construction	50,000					50,000
Total	50,000					50,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	25,000					25,000
Grant	25,000					25,000
Total	50,000					50,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation
Contact Comm. Dev. Dir.-Michael Bro
Type Improvement
Useful Life 20
Category Park Improvements
Priority 3 Important

City of Ironwood, Michigan

Project # PRK-09-003
Project Name Longyear Park - Restrooms / Pavilion

Account #
 Account #

Total Project Cost: \$65,000

Description
 Added Restrooms and Pavilion to the Longyear Park for those that patron the park.

Justification
 City Parks & Recreation Committee has identified this as a priority project for the community.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		65,000				65,000
Total		65,000				65,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant		65,000				65,000
Total		65,000				65,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation
Contact Comm Dev Dir-Michael Brow
Type Improvement
Useful Life 10
Category Park Improvements
Priority 3 Important

City of Ironwood, Michigan

Project # PRK-09-004
Project Name Multi-use Trail System

Account #
 Account #

Total Project Cost: \$500,000

Description
 Provide a Multi-use/Sidewalk-Trail for residents throughout the City and bike lanes on City streets.

Justification
 Trails have been identified as a high priority in the City Park Development Plan.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
New Construction	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm Dev Dir-Michael Brow

Project #	PRK-12-001
Project Name	Depot Park Development

Type Improvement

Useful Life 30

Category Park Improvements

Priority 2 Very Important

Account #

Account #

Total Project Cost: \$100,000

Description

The redevelopment of Depot Park includes the construction of a "trailhead" for both motorized and non-motorized regional trails, playground equipment, trail development, restrooms, pavilion & landscaping. Many components have been completed, a major item still remaining is installation of a playground and other improvements.

Justification

Depot Park was identified in the Downtown Blueprint Plan as a key improvement/development to help improve Downtown Ironwood.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Parks	100,000					100,000
Total	100,000					100,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant - DNR	100,000					100,000
Total	100,000					100,000

Budget Impact/Other

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Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Scott Erickson, City Manager

Project #	PRK-13-001
Project Name	Upgrade Electrical - Curry Park

Type Improvement

Useful Life

Category Park Improvements

Priority 3 Important

Account #

Account #

Total Project Cost: \$50,000

Description
Upgrade electric capacity at Curry Park.

Justification
To accommodate large travel trailers and to have the ability of more travelers stopping in our area.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Other	50,000					50,000
Total	50,000					50,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant - State	50,000					50,000
Total	50,000					50,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	PRK-14-001
Project Name	Community Gardens

Type Improvement

Useful Life

Category Park Improvements

Priority 3 Important

Account #

Account #

Total Project Cost: \$3,500

Description
Community Gardens and Flower Gardens in Norrie Park and MMHP, ect.

Justification
Donations & Fund Raisers to beautify and make use of local parks for our residents and to attract the public to our area.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Parks	3,500					3,500
Total	3,500					3,500

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Private / Investors/ Donations	3,500					3,500
Total	3,500					3,500

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project # **PRK-14-002**
 Project Name **Montreal River Walk Trail**

Type Improvement

Useful Life

Category Park Improvements

Priority 3 Important

Account #

Account #

Total Project Cost: \$250,000

Description
 Develop Montreal River trail system in conjunction with Hurley & Iron County from Peterson Falls and Norrie Park.

Justification
 Use of grants, donations and fund raisers to attract and provide the public with a beautiful walking trail system.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Parks		250,000				250,000
Total		250,000				250,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Federal Grant		50,000				50,000
Grant - State - Trails		50,000				50,000
Private / Investors/ Donations		150,000				150,000
Total		250,000				250,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	PRK-15-001
Project Name	Mt. Zion Park

Type Improvement

Useful Life

Category Park Improvements

Priority 3 Important

Account #

Account #

Total Project Cost: \$50,000

Description
Fix up park on the top of Mt. Zion.

Justification
Grants, local money, donations and fund raisers, to give the public a beautiful place to relax and to over look of the Gogebic Range area.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Parks	50,000					50,000
Total	50,000					50,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant	25,000					25,000
Private / Investors/ Donations	25,000					25,000
Total	50,000					50,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	PRK-15-002
Project Name	Western Michigan Gateway Trail

Type Improvement

Useful Life 20

Category Park Improvements

Priority 1 Critical

Account #

Account #

Total Project Cost: \$300,000

Description
Project includes paving existing railroad grade from Hurley/Ironwood border to eastern border of Ironwood for a walking/biking trail.

Justification
The City has been awarded a DNR Trust Fund Grant to complete this work and a regional trail system is needed for the area.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Planning/Design/inspection-GF	15,000					15,000
Construction/Maintenance	285,000					285,000
Total	300,000					300,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	5,000					5,000
Grant - State - Trails	225,000					225,000
Other	70,000					70,000
Total	300,000					300,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project # PRK-15-003
Project Name Longyear Park Improvements

Type Improvement

Useful Life 20

Category Park Improvements

Priority 1 Critical

Account #

Account #

Total Project Cost: \$60,000

Description

Install Accessible playground and surface.

Justification

There is a need for accessible playgrounds. The City also received a sizable donation for Longyear Park and has applied for a DNR Grant.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	60,000					60,000
Total	60,000					60,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	30,000					30,000
Grant - State	30,000					30,000
Total	60,000					60,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	PRK-15-004
Project Name	Park Location North of US2

Type Improvement

Useful Life 20

Category Park Improvements

Priority 3 Important

Account #

Account #

Total Project Cost: \$55,000

Description
Identify, purchase land, and construct a park north of US2.

Justification
The Park & Recreation Plan identifies the need for parks north of US2, as there is only one currently.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Land Acquisition	5,000					5,000
Construction/Maintenance		50,000				50,000
Total	5,000	50,000				55,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Federal Grant		25,000				25,000
General Fund	5,000	25,000				30,000
Total	5,000	50,000				55,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	PRK-15-005
Project Name	Outdoor Ice Rink

Type Improvement

Useful Life 20

Category Park Improvements

Priority 3 Important

Account #

Account #

Total Project Cost: \$10,000

Description
Create an outdoor Ice Rink.

Justification
The Park & Recreation Plan has identified this as a project for the community.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance			10,000			10,000
Total			10,000			10,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund			5,000			5,000
Grant - State			5,000			5,000
Total			10,000			10,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	PRK-15-006
Project Name	Historical Neighborhood Signs

Type Improvement

Useful Life

Category Park Improvements

Priority 4 Less Important

Account #

Account #

Total Project Cost: \$40,000

Description
Install signs to describe local History and Neighborhoods.

Justification
The Park & Recreation Plan has identified this as a project.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	10,000	10,000	10,000	10,000		40,000
Total	10,000	10,000	10,000	10,000		40,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	10,000	10,000	10,000	10,000		40,000
Total	10,000	10,000	10,000	10,000		40,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project # PRK-15-007

Type Improvement

Project Name US2 Enhancements

Useful Life 20

Category Park Improvements

Account #

Priority 1 Critical

Account #

Total Project Cost: \$100,000

Description

Install New decorative light poles and bury overhead power lines along US2.

Justification

MDOT is reconstructing US2 in 2014 & 2015 and this can be done most cost efficiently when MDOT does its work. The Part & Recreation Plan also lists this as a project.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	50,000					50,000
Total	50,000					50,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	50,000					50,000
Total	50,000					50,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation
Contact Comm. Dev. Dir.-Michael Bro
Type Improvement
Useful Life 20
Category Park Improvements
Priority 3 Important

City of Ironwood, Michigan

Project # PRK-15-008
Project Name Playground & Park Upgrades

Account #
 Account #

Total Project Cost: \$250,000

Description
 Update playground equipment and parks per recommendations in Comprehensive / Park Plan.

Justification
 Comprehensive / Park Plan recommends it.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	50,000	50,000	50,000	50,000		200,000
Total	50,000	50,000	50,000	50,000		200,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	25,000	25,000	25,000	25,000		100,000
Grant - State	25,000	25,000	25,000	25,000		100,000
Total	50,000	50,000	50,000	50,000		200,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	PRK-16-001
Project Name	Dog Park

Type Improvement

Useful Life

Category Park Improvements

Priority 3 Important

Account #

Account #

Total Project Cost: \$15,000

Description
Dog walking park in Ironwood.

Justification
Grants, Donations and fund raisers, to give local residence a safe place to walk and play their dog.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Parks	15,000					15,000
Total	15,000					15,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant	5,000					5,000
Private / Investors/ Donations	10,000					10,000
Total	15,000					15,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project # **PRK-16-002**
 Project Name **Lighted Cross Ski Country Trail**

Type Improvement

Useful Life

Category Park Improvements

Priority 3 Important

Account #

Account #

Total Project Cost: \$75,000

Description
 Lighted cross country ski trail in Miners Memorial History Park (MMHR).

Justification
 Comprehensive Plan / Park Plan Recommends it.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Parks	75,000					75,000
Total	75,000					75,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant	10,000					10,000
Private / Investors/ Donations	65,000					65,000
Total	75,000					75,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project #	PRK-16-003
Project Name	New Parks

Type Improvement

Useful Life 20

Category Park Improvements

Priority 2 Very Important

Account #

Account #

Total Project Cost: \$170,000

Description
Establish new parks per recommendations in Park Plan.

Justification
The Comprehensive / Park Plan Recommends it.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Planning/Design/inspection-GF		10,000	10,000			20,000
Land Acquisition	25,000	25,000				50,000
Construction/Maintenance			50,000	50,000		100,000
Total	25,000	35,000	60,000	50,000		170,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	12,500	17,500	30,000	25,000		85,000
Grant - State	12,500	17,500	30,000	25,000		85,000
Total	25,000	35,000	60,000	50,000		170,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation
Contact Comm. Dev. Dir.-Michael Bro
Type Improvement
Useful Life 20
Category Park Improvements
Priority 3 Important

City of Ironwood, Michigan

Project # PRK-17-001
Project Name Way Finding Signs

Account #
 Account #

Total Project Cost: \$50,000

Description
 Plan for and insntall way finding signs.

Justification
 The Comprehensive plan recommends it.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Planning/Design/inspection-GF		25,000				25,000
Construction/Maintenance			25,000			25,000
Total		25,000	25,000			50,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund		25,000	25,000			50,000
Total		25,000	25,000			50,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Parks & Recreation

City of Ironwood, Michigan

Contact Comm. Dev. Dir.-Michael Bro

Project # PRK-18-001
Project Name Stormwater Project

Type Improvement

Useful Life 50

Category Park Improvements

Priority 4 Less Important

Account #

Account #

Total Project Cost: \$5,000

Description

Implement a stormwater demonstration project.

Justification

The Comprehensive / Park plan recommends it.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Planning/Design/inspection-GF			1,000			1,000
Construction/Maintenance			4,000			4,000
Total			5,000			5,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund			5,000			5,000
Total			5,000			5,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Public Safety

City of Ironwood, Michigan

Contact Dir. Public Safety

Project # PS-16-001

Type Equipment

Project Name SCBA Bottles

Useful Life 15

Category Equipment: Miscellaneous

Account #

Priority 3 Important

Account #

Total Project Cost: \$12,500

Description

Air bottles used during fire fighting or unstable breathing environments (4) Bottles

Justification

NFPA Compliance - rated to last 15 years

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings	2,500	2,500	2,500	2,500	2,500	12,500
Total	2,500	2,500	2,500	2,500	2,500	12,500

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	1,800	1,800	1,800	1,800	1,800	9,000
Grant - USDA	700	700	700	700	700	3,500
Total	2,500	2,500	2,500	2,500	2,500	12,500

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Public Safety
Contact Dir. Public Safety

City of Ironwood, Michigan

Type Equipment
Useful Life 6
Category Vehicles
Priority 3 Important

Project # PS-17-001
Project Name Squad Car

Account #
Account #

Total Project Cost: \$28,000

Description
 Replace Patrol Vehicle

Justification
 Safety for our Public Safety Officers and dependability for the Public Safety operations.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings		28,000				28,000
Total		28,000				28,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Federal Grant		10,000				10,000
General Fund		18,000				18,000
Total		28,000				28,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Public Safety
Contact Dir. Public Safety

City of Ironwood, Michigan

Type Equipment
Useful Life 10
Category Equipment: Miscellaneous
Priority 3 Important

Project # PS-17-002
Project Name SCBA

Account #
Account #

Total Project Cost: \$4,000

Description
 Breathing apparatus for fire operations
 used scot airpack

Justification
 Replace outdated models, NFPA compliance

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings		2,000		2,000		4,000
Total		2,000		2,000		4,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund		2,000		2,000		4,000
Total		2,000		2,000		4,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Public Safety

City of Ironwood, Michigan

Contact Dir. Public Safety

Project # PS-17-003

Type Equipment

Project Name Turn Out Gear

Useful Life 10

Category Equipment: Miscellaneous

Account #

Priority 3 Important

Account #

Total Project Cost: \$20,000

Description

Coat, Bunker Pants, Boots and Helmet used during firefighting.
2 sets per year

Justification

NFPA Compliance
Gear rated to last 10 years

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings		5,000	5,000	5,000	5,000	20,000
Total		5,000	5,000	5,000	5,000	20,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund		3,000	3,000	3,000	3,000	12,000
Grant - USDA		2,000	2,000	2,000	2,000	8,000
Total		5,000	5,000	5,000	5,000	20,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Public Safety
Contact Dir. Public Safety
Type Equipment
Useful Life 20
Category Vehicles
Priority 2 Very Important

City of Ironwood, Michigan

Project # PS-19-001
Project Name Fire Truck

Account #
Account #

Total Project Cost: \$475,000

Description
 Fire Truck

Justification
 Safety & dependability for our community
 1st truck - 13 years old
 2nd truck - 26 years old
 Reduce to (1) Engine

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings				475,000		475,000
Total				475,000		475,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Federal Grant				200,000		200,000
General Fund				100,000		100,000
Savings				75,000		75,000
Vehicle Sales				100,000		100,000
Total				475,000		475,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Public Safety

City of Ironwood, Michigan

Contact Dir. Public Safety

Project #	PS-20-001
Project Name	New Engine (Fire Truck)

Type Equipment

Useful Life 20

Category Vehicles

Priority 2 Very Important

Account #

Account #

Total Project Cost: \$500,000

Description
Fire Truck

Justification
Safety and Dependability 1st Truck - 20 years old

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings					500,000	500,000
Total					500,000	500,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant - USDA					300,000	300,000
Savings					100,000	100,000
Vehicle Sales					100,000	100,000
Total					500,000	500,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Streets Fund
Contact Scott Erickson, City Manager
Type Maintenance
Useful Life 10
Category Street Paving
Priority 2 Very Important

City of Ironwood, Michigan

Project # ST-07-003
Project Name Crack Sealing/Surface Improvements

Account # 202-486-001-XXX.000
Account # 203-486-001-XXX.000

Total Project Cost: \$301,000

Description
 Routine Maintenance on Local and Major Streets to extend useful life of existing pavement.

Justification
 Cost effective pavement management tool to extend life and provide a smooth driving surface. Reduce or eliminate annual maintenance such as pot hole patching on improved streets.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	50,000	50,000				100,000
Total	50,000	50,000				100,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Local Streets	25,000	25,000				50,000
Major Streets	25,000	25,000				50,000
Total	50,000	50,000				100,000

Budget Impact/Other
 Reduce labor intensive types of maintenance on streets.

Capital Improvement Program

'15/'16 thru '19/'20

Department Streets Fund
Contact Scott Erickson, City Manager
Type Maintenance
Useful Life 2
Category Street-Pavement Markings
Priority 2 Very Important

City of Ironwood, Michigan

Project # ST-07-004
Project Name Pavement Markings

Account # 202-486-001-XXX.000
Account #

Total Project Cost: \$31,000

Description
 Apply centerline stripping, fog lines, parking stall markings and handicap parking stall marking. Apply required school crossing lanes and stop bars at intersections.

Justification
 Provide safe streets for traffic and pedestrians. Full re-striping is considered every other year.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Planning/Design/inspection-GF	500					500
Construction/Maintenance	15,000					15,000
Total	15,500					15,500

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Major Streets	15,500					15,500
Total	15,500					15,500

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Streets Fund
Contact Scott Erickson, City Manager
Type Maintenance
Useful Life 25
Category Street Paving
Priority 1 Critical

City of Ironwood, Michigan

Project # ST-08-001
Project Name Local Streets Asphalt Mill/Overlay (1 Mile)

Account # 203-486-001-XXX.000
Account #

Total Project Cost: \$500,000

Description
 Mill and overlay existing asphalt street surface.

Justification
 The existing local streets are beyond minor maintenance and repairs.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	100,000					100,000
Total	100,000					100,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Local Streets	100,000					100,000
Total	100,000					100,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Streets Fund
Contact Scott Erickson, City Manager
Type Improvement
Useful Life 25
Category Street Reconstruction
Priority 1 Critical

City of Ironwood, Michigan

Project # ST-15-001
Project Name East Ayer Street Reconstruction

Account #
 Account #

Total Project Cost: \$450,000

Description
 Reconstruction East Ayer Street from Southwest St to Country Club Road. Replace Water main & Fire Hydrants.

Justification
 Upgrade to All-Season road to serve an increase of traffic volume due to development on Country Club Road & US 2. Replace Undersized 4" C.I. Water main & Defective Hydrants.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	450,000					450,000
Total	450,000					450,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant	325,000					325,000
Water Fund	125,000					125,000
Total	450,000					450,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Streets Fund
Contact Scott Erickson, City Manager
Type Improvement
Useful Life 25
Category Street Reconstruction
Priority 3 Important

City of Ironwood, Michigan

Project # ST-15-002
Project Name Hemlock St - Reconstruction (Phase II)

Account #
 Account #

Total Project Cost: \$635,000

Description
 Hemlock Street Arch Street to U.S. 2 (Cloverland Drive) (Phase II)

Justification
 Bring Hemlock Street up to State standards and create an all season road.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	635,000					635,000
Total	635,000					635,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant - M-DOT	375,000					375,000
Major Streets	260,000					260,000
Total	635,000					635,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Streets Fund
Contact Scott Erickson, City Manager
Type Improvement
Useful Life
Category Street Construction
Priority 3 Important

City of Ironwood, Michigan

Project # ST-15-003
Project Name US-2 Reconstruction Phase I & II Enhancements

Account #
 Account #

Total Project Cost: \$110,000

Description
 MDOT complete reconstruction of US-2.
 Part 1 - West of City limits to Curry Street. 2014
 Part 2 - Curry Street to East of City limits. 2015

Justification
 Enhancement will include burying power lines along US2 and installing aesthetic street lighting.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	60,000					60,000
Total	60,000					60,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	60,000					60,000
Total	60,000					60,000

Budget Impact/Other
 Upon completing this project, pedestrians, as well as other non-motorized traffic, shall have better access to the US-2 business as well as traveling to other areas of the City.

Capital Improvement Program

'15/'16 thru '19/'20

Department Streets Fund
Contact Michael Brown/Scott Erickson
Type Improvement
Useful Life 20
Category Sidewalks
Priority 2 Very Important

City of Ironwood, Michigan

Project # ST-15-004
Project Name Sidewalk Construction

Account #
 Account #

Total Project Cost: \$525,000

Description
 Replace and install sidewalks

Justification
 The Comprehensive Plan recommends it.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Planning/Design/inspection-GF	5,000	5,000	5,000	5,000		20,000
Construction/Maintenance	100,000	100,000	100,000	100,000		400,000
Total	105,000	105,000	105,000	105,000		420,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Streets Fund	105,000	105,000	105,000	105,000		420,000
Total	105,000	105,000	105,000	105,000		420,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Streets Fund

City of Ironwood, Michigan

Contact

Project # **ST-16-001**
 Project Name **Norrie St. Flooding Birm**

Type Improvement

Useful Life

Category Unassigned

Priority 2 Very Important

Account #

Account #

Total Project Cost: \$20,000

Description

Add brim to lowland North of railroad grade to protect Norrie St.

Justification

Flooding over Norrie St. Impacts houses North of Norrie St.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	20,000					20,000
Total	20,000					20,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Streets Fund	20,000					20,000
Total	20,000					20,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Streets Fund

City of Ironwood, Michigan

Contact

Project # ST-17-001
 Project Name Montreal River Tree Removal

Type Improvement

Useful Life

Category Unassigned

Priority 3 Important

Account #

Account #

Total Project Cost: \$50,000

Description
 Remove trees that create water flow blockages in Montreal River.

Justification
 Help with spring ice dams

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		50,000				50,000
Total		50,000				50,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant - State		50,000				50,000
Total		50,000				50,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Theatre

City of Ironwood, Michigan

Contact

Project # TH-11-001

Type Maintenance

Project Name THEATRE ROOFTOP VENTS & DUROLAST ROOF

Useful Life 20

Category Theatre

Account #

Priority 1 Critical

Account #

Total Project Cost: \$37,000

Description

Replace rooftop vents which were installed in 1928.

Justification

The rooftop vents are corroded and deteriorated sufficiently to need replacement.

The present Durolast roof is out of warranty and in need of replacement.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		37,000				37,000
Total		37,000				37,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Theatre Funds		37,000				37,000
Total		37,000				37,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Theatre

City of Ironwood, Michigan

Contact

Project # TH-11-002
Project Name THEATRE TUCK-POINT

Type Maintenance

Useful Life 20

Category Unassigned

Priority 1 Critical

Account #

Account #

Total Project Cost: \$50,000

Description

Tuck-point brick and mortar on North side of theatre, to the East of Lowell St. Glass-covered walkway. Mortar joints and loose spalling and/or missing bricks to be repaired.

The top 3 to 4 feet at the very top of the South wall (alley wall) should be addressed as the mortar joints are deteriorated and in need of tuck-pointing.

These specific areas are only part of the major deterioration.

Justification

To prevent further deterioration and to provide safety from collapse.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		50,000				50,000
Total		50,000				50,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Theatre Funds		50,000				50,000
Total		50,000				50,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Theatre
Contact Scott Erickson, City Manager
Type Maintenance
Useful Life 20
Category Theatre
Priority 1 Critical

City of Ironwood, Michigan

Project # TH-12-001
Project Name Theatre under-floor radiant heating system

Account #
Account #

Total Project Cost: \$43,000

Description

Install under-floor radiant heating system in the Auditorium of the Theatre.

Justification

Install a radiant heating tube system under the floor of the auditorium will provide a more even and comfortable way of heating the Theatre. It will provide for less cost in heating and result in environmentally efficient heating.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		43,000				43,000
Total		43,000				43,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Theatre Funds		43,000				43,000
Total		43,000				43,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Theatre
Contact Scott Erickson, City Manager
Type Maintenance
Useful Life 20
Category Theatre
Priority 2 Very Important

City of Ironwood, Michigan

Project # TH-13-001
Project Name Theatre Air Conditioning System

Account #
 Account #

Total Project Cost: \$120,000

Description
 Install equipment, controls and insulation in conduits as necessary for an auditorium air conditioning system.

Justification
 To provide healthy and comfortable conditions for audience, performers and general theatre.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		120,000				120,000
Total		120,000				120,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Theatre Funds		120,000				120,000
Total		120,000				120,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Theatre
Contact Scott Erickson, City Manager
Type Maintenance
Useful Life 30
Category Theatre
Priority 2 Very Important

City of Ironwood, Michigan

Project # TH-13-002
Project Name Theatre - Insulation of West & South Wall

Account #
 Account #

Total Project Cost: \$40,000

Description
 Insulation of the West and South wall at the back of the Stage from the stage up approximately 62 feet to the underside of the roof deck.

Justification
 Provide heat conservation.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		40,000				40,000
Total		40,000				40,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Theatre Funds		40,000				40,000
Total		40,000				40,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Dennis Hewitt, Computer Spe
Type Equipment
Useful Life 10
Category Water
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-07-001
Project Name MDEQ - SAW GRANT

Account # 675-557-000-XXX-000
Account # 676-557-000-XXX-000

Total Project Cost: \$75,000

Description
 Implementing GIS technology to track and maintain sanitary sewer and storm sewer infrastructure.

Justification
 It is imperative to inventory the existing sanitary sewer and storm sewer system in order to develop and maintenance strategy.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	15,000	15,000				30,000
Total	15,000	15,000				30,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
General Fund	5,000	5,000				10,000
Sewer Fund	5,000	5,000				10,000
Water Fund	5,000	5,000				10,000
Total	15,000	15,000				30,000

Budget Impact/Other
 An accurate GIS System will help the distribution crew locate features in the Water System more efficiently during normal maintenance and repairs.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Scott Erickson, City Manager

City of Ironwood, Michigan

Project # W&S-07-002
Project Name Sanitary Sewer Replacement Relining

Type Maintenance
Useful Life 35
Category Wastewater
Priority 1 Critical

Account # 676-560-000-933-000
Account #

Total Project Cost: \$125,000

Description
 Reline various sewer mains throughout the City.

Justification
 Provides a cost effective method of increasing the life of existing sanitary & storm sewers. Recent sanitary sewer system studies have shown that many of the sanitary mains are defective.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	25,000	25,000	25,000			75,000
Total	25,000	25,000	25,000			75,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Sewer Fund	25,000	25,000	25,000			75,000
Total	25,000	25,000	25,000			75,000

Budget Impact/Other
 Relining and replacement will improve the sewer system efficiency as well and reduce continuing maintenance on the system.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Scott Erickson, City Manager
Type Maintenance
Useful Life 35
Category Wastewater
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-07-004
Project Name Sanitary Sewer Manhole Rehab. Replacement

Account # 676-560-000-933-000
Account #

Total Project Cost: \$250,000

Description
 Replace & Rehab. Various Sanitary Sewer Manholes.

Justification
 Many existing sanitary & storm manholes are original and in very poor condition. Manhole relining has proven to be a cost effective method of extending service life by many years. Works well with street reconstruction. Rehabbing manholes will reduce the volume of inflow & infiltration that flows into the system.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	50,000	50,000	50,000			150,000
Total	50,000	50,000	50,000			150,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Sewer Fund	50,000	50,000	50,000			150,000
Total	50,000	50,000	50,000			150,000

Budget Impact/Other
 Extends service life and eliminates or reduces inflow & infiltration common in older brick manholes. The reduction of inflow and infiltration will reduce treatment costs at the Gogebic-Iron Wastewater Treatment Plant.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Maintenance
Useful Life 50
Category Water
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-07-006
Project Name Water Main Valve Replacement (5yr. Program)

Account # 675-553-000-XXX.000
Account #

Total Project Cost: \$100,000

Description
 Replace various Water Main Valve throughout the City.

Justification
 Many Water mains are 80+ years old and in need of replacement. Many parts of the Water Distribution System can not be isolated because of the defective valves.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Equip/Vehicles/Furnishings	20,000	20,000	20,000			60,000
Total	20,000	20,000	20,000			60,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund	20,000	20,000	20,000			60,000
Total	20,000	20,000	20,000			60,000

Budget Impact/Other
 Reduce man-hours required to shut down system for repairs or maintenance. Reduce the amount of customers impacted by shut-down. The main valve projects will help isolate areas of the System in case of repair. This project will allow more customers continues water service during repairs.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Maintenance
Useful Life 50
Category Water - Hydrants
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-07-007
Project Name Fire Hydrant Replacement

Account # 675-553-000-XXX.000
Account #

Total Project Cost: \$500,000

Description

Annual Hydrant replacement program to replace 20 defective hydrants a year.

Justification

The City of Ironwood currently has approximately 180 defective hydrants in the distribution system. The City of Ironwood would like to annually replace the defective hydrants until all are in working order.

These Capital Improvement projects will enhance fire protection as well as allow personnel to flush the water distribution system more adequately.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	100,000	100,000	100,000			300,000
Total	100,000	100,000	100,000			300,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund	100,000	100,000	100,000			300,000
Total	100,000	100,000	100,000			300,000

Budget Impact/Other

Provide Operational hydrants with shut-off valves to provide both hose nozzles and steamer nozzles with increased flow and pressure. Less injuries and damage are expected as the obsolete hydrants are replaced.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Scott Erickson, City Manager
Type Improvement
Useful Life 35
Category Water
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-08-001
Project Name CDBG Grant - 16" Transmission Main Phase II & III

Account # 675-000-000-152-000
Account # 676-000-000-154.000

Total Project Cost: \$1,200,000

Description
 Install 2nd phase of new 16" Water main in two phases that serves the City of Ironwood Water System.

Justification
 This project will give the City of Ironwood a secondary transmission line to provide water to the community in case of a main failure. The existing main was installed in 1923.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance			600,000			600,000
Total			600,000			600,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant			500,000			500,000
Water Fund			100,000			100,000
Total			600,000			600,000

Budget Impact/Other
 Failure of the existing main will be detrimental to the City of Ironwood Water System.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Improvement
Useful Life 35
Category Unassigned
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-11-002
Project Name Water Projects

Account #
 Account #

Total Project Cost: \$800,000

Description
 Various distribution system projects.

Justification
 This project is designed to make annual improvements to the water distribution system.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	160,000	160,000	160,000			480,000
Total	160,000	160,000	160,000			480,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund	160,000	160,000	160,000			480,000
Total	160,000	160,000	160,000			480,000

Budget Impact/Other
 This project will help provide better water quality to its customers.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds

City of Ironwood, Michigan

Contact Scott Erickson, City Manager

Project # W&S-12-001
Project Name Rehabilitation of Wells (1 each yr)

Type Maintenance

Useful Life 25

Category Water

Priority 2 Very Important

Account # 675-000-000-152-000

Account #

Total Project Cost: \$150,000

Description

Rehabilitation of 1 well.

Justification

This project is needed to eliminate the defects of another well and to make any repairs to continue to provide a dependable water supply.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	30,000	30,000	30,000			90,000
Total	30,000	30,000	30,000			90,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund	30,000	30,000	30,000			90,000
Total	30,000	30,000	30,000			90,000

Budget Impact/Other

This project will allow the well to operate more efficiently.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Maintenance
Useful Life 35
Category Water
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-12-005
Project Name N. Hemlock Street - Water Service - II

Account # 675-000-000-152-000
Account #

Total Project Cost: \$50,000

Description
 Hydrant and service line replacement.

Justification
 This project will replace the obsolete hydrants and service lines on North Hemlock Street to U.S. 2 - Cloverland Drive.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	25,000					25,000
Total	25,000					25,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund	25,000					25,000
Total	25,000					25,000

Budget Impact/Other
 This project will eliminate the need to remove new blacktop for water system repairs after the road project has been completed.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Improvement
Useful Life 35
Category Water
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-13-004
Project Name Mt. Zion Reservoir - Modifications

Account # 675-000-000-152-000
Account #

Total Project Cost: \$50,000

Description

Security and modifications for circulation. Insulate the control room at Mount Zion.

Justification

This project will allow the water in this tank to circulate and blend as well as improve the security to the tank. These are more current means to blend the stagnant water with the fresh intake supply.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		50,000				50,000
Total		50,000				50,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund		50,000				50,000
Total		50,000				50,000

Budget Impact/Other

This project will provide better water quality to the area users as well as improving the security to the tank.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Don Bertels, Engineer Tech.
Type Improvement
Useful Life 50
Category Water
Priority 2 Very Important

City of Ironwood, Michigan

Project # W&S-15-001
Project Name East Ayer Street Watermain Extension

Account #
 Account #

Total Project Cost: \$133,500

Description
 Extend 8" water main from a point west of Luxmore Street to Lake Street.

Justification
 Part of the long range plan to provide a second distribution main to Jessieville and Norrie areas. Would increase hydraulic capacity and fire protection to a large area.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance			106,800			106,800
Planning/Design/Inspection-Wtr			26,700			26,700
Total			133,500			133,500

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Grant - State			66,750			66,750
Water Fund			66,750			66,750
Total			133,500			133,500

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Improvement
Useful Life 10
Category Water
Priority 3 Important

City of Ironwood, Michigan

Project # W&S-15-002
Project Name W&S Distribution Engineering Study

Account #
 Account #

Total Project Cost: \$50,000

Description
 A Comprehensive engineering study of the water and sewer distribution systems. These studies will include pressure tests as well as televising and smoke tests. These studies will be completed after the Phase I, II & III water and sewer projects are completed.

Justification
 The results of these studies will be used to plan future capital improvement projects and will have projects ready for any future grant funding.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Planning/Design/Inspection-Swr	25,000					25,000
Planning/Design/Inspection-Wtr	25,000					25,000
Total	50,000					50,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Sewer Fund	25,000					25,000
Water Fund	25,000					25,000
Total	50,000					50,000

Budget Impact/Other
 Completion of future CIP projects will enhance the water and sewer system.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Improvement
Useful Life 50
Category Water
Priority 3 Important

City of Ironwood, Michigan

Project # W&S-16-004
Project Name West Midland Water Main Replacement

Account #
 Account #

Total Project Cost: \$80,000

Description
 Replace 1000' of defective water main on the 300 & 400 blocks of West Midland with 8" D.I. Pipe. Between Superior St & Hemlock St.

Justification
 The existing main is beyond its useful life. Annually City of Ironwood personnel are repairing water main breaks on the existing main. The project will also enhance water flow to the residents in this area as well as reduce expenses for annual repairs.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Planning/Design/Inspection-Wtr				80,000		80,000
Total				80,000		80,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund				80,000		80,000
Total				80,000		80,000

Budget Impact/Other
 This project will provide a more dependable water supply north of US-2/Cloverland Drive.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Scott Erickson, City Manager
Type Improvement
Useful Life 35
Category Storm Sewer/Drainage
Priority 2 Very Important

City of Ironwood, Michigan

Project # W&S-16-005
Project Name Jessieville Phase III - Water & Sewer Project

Account #
Account #

Total Project Cost: \$5,000,000

Description
 Various water and sewer main replacement in the Norrie and Ashland locations area as well as areas between Lake St to Luxmore St, north of US-2. This project will also include new hydrants, copper lines, and new manhole structures.

Justification
 This project will continue to improve the aging water and sewer system by eliminating undersized water & sewer mains as well as provide better water flow for fire protection.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Planning/Design/Inspection-Swr	2,500,000					2,500,000
Planning/Design/Inspection-Wtr	2,500,000					2,500,000
Total	5,000,000					5,000,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Sewer Fund	2,500,000					2,500,000
Water Fund	2,500,000					2,500,000
Total	5,000,000					5,000,000

Budget Impact/Other
 This project will eliminate undersized water and sewer mains that are now defective. These improvements will provide a more dependable water and sewer to these areas.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds

City of Ironwood, Michigan

Contact

Project # **W&S-16-006**
 Project Name **Phase IV - W&S Project**

Type Improvement
 Useful Life 20
 Category Unassigned
 Priority 1 Critical

Account #
 Account #

Total Project Cost: **\$3,000,000**

Description
 Phase IV - W&S Project

Justification

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	3,000,000					3,000,000
Total	3,000,000					3,000,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Sewer Fund	1,500,000					1,500,000
Water Fund	1,500,000					1,500,000
Total	3,000,000					3,000,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man

City of Ironwood, Michigan

Project # W&S-16-007
Project Name Van Buskirk Road Water Main

Type Improvement
Useful Life 100
Category Water
Priority 1 Critical

Account #
 Account #

Total Project Cost: \$110,000

Description
 Replace 550' of defective sand cast 6" water main with a 6" D.I.P. water main.

Justification
 The existing water main froze and had a number of breaks in it during the 2014 winter. This main is currently off where it is restricting water flow to areas south of town. Completion of this project will provide better water flow to areas south of town and provide better fire protection.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance	110,000					110,000
Total	110,000					110,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund	110,000					110,000
Total	110,000					110,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds

City of Ironwood, Michigan

Contact Robert Tervonen, Utility Man

Project # **W&S-17-001**
 Project Name **West Midland Water Main**

Type Improvement

Useful Life 100

Category Water

Priority 1 Critical

Account #

Account #

Total Project Cost: \$160,000

Description

Replace 800' of a defective 1 1/2" galvanized water main with a new 8" O/P water main.

Justification

This existing main is defective and beyond its useful life. Water flow is restricted in this area and fire flows are limited. Completion of the project will provide a dependable water system to the area west of town as well as a better flow for fire protection to city residents.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		160,000				160,000
Total		160,000				160,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund		160,000				160,000
Total		160,000				160,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds

City of Ironwood, Michigan

Contact Robert Tervonen, Utility Man

Project #	W&S-17-002
Project Name	West Birch St. Water Main

Type Improvement

Useful Life 100

Category Water

Priority 1 Critical

Account #

Account #

Total Project Cost: \$20,000

Description
Replace 4" defective water main with an 8" watermain total replacement 100'.

Justification
The defective watermain is currently off since it broke during the 2014 winter. Replacement of the main will eliminate a dead end system and provide a circulating system needed for fire flow in the south side of town. Completion of this project will provide a circulating water system in the south side of town. This project will also provide a more dependable fire flow.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance		20,000				20,000
Total		20,000				20,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund		20,000				20,000
Total		20,000				20,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds

City of Ironwood, Michigan

Contact Robert Tervonen, Utility Man

Project # **W&S-18-001**
 Project Name **West Pine St Cutoff Water Main**

Type Improvement

Useful Life 100

Category Water

Priority 1 Critical

Account #

Account #

Total Project Cost: \$160,000

Description

Install a new 8" water main to replace the existing defective main.

Justification

The existing undersized main is annually repaired. The new main will provide better water flow for fires and a water supply to the local residents. This project will eliminate the undersized defective water main. Completion of this project will provide better flows to the areas south of town.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance			160,000			160,000
Total			160,000			160,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund			160,000			160,000
Total			160,000			160,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Improvement
Useful Life 100
Category Water
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-18-002
Project Name South Range Rd Water Main

Account #
 Account #

Total Project Cost: \$240,000

Description
 Replace 1200' of defective 6" and 2" water main with an 8" D.I.P. water main.

Justification
 This existing water main is defective and flow is restricted to areas south of town. Completion of this project will provide better water flow, fire protection and eliminate the need to repair the water main on a regular basis.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance			240,000			240,000
Total			240,000			240,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund			240,000			240,000
Total			240,000			240,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Improvement
Useful Life 100
Category Water
Priority 2 Very Important

City of Ironwood, Michigan

Project # W&S-18-003
Project Name Rock Rd Water Main

Account #
 Account #

Total Project Cost: \$120,000

Description
 Replace 600' of defective 2" water main with 6" D/P water main.

Justification
 The existing water main is defective and has many breaks. Replacement of this line will provide a better water supply to the residents in the neighborhood. Completion of this project will reduce the water loss, provide a better water supply, and provide better fire protection to the city residents in this area.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance			120,000			120,000
Total			120,000			120,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund			120,000			120,000
Total			120,000			120,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Improvement
Useful Life 100
Category Water
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-18-004
Project Name Norfolk St - Water Main

Account #
 Account #

Total Project Cost: \$80,000

Description

This project will replace a defective undersized water main in Norfolk main from McLeod Ave to Aurora St. The defective main will be replaced with 400' of the 6" DI pipe.

Justification

Completion of the project will provide a circulating water system in Norfolk St. and will reduce problems with freezing. This project will eliminate problems with annual repairs as well as provide a circulating water system in Norfolk St.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance			80,000			80,000
Total			80,000			80,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund			80,000			80,000
Total			80,000			80,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Improvement
Useful Life 100
Category Water
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-18-005
Project Name Iron King Road - Water Main

Account #
 Account #

Total Project Cost: \$50,000

Description
 The existing 1 1/2" water main has a number of leaks and needs to be replaced to provide appropriate flows to the area.

Justification
 The existing water main is currently defective and cannot provide appropriate flows to the local residents or for fire protection. Replacing this line will provide fire protection to the area residents as well as a fire dependable water supply.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance			50,000			50,000
Total			50,000			50,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund			50,000			50,000
Total			50,000			50,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Improvement
Useful Life 100
Category Water
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-18-006
Project Name Mill St Water Main

Account #
 Account #

Total Project Cost: \$200,000

Description
 Install a new 6" water main from 112 Mill St to Houk St.

Justification
 The current 4" water main continues to split and has exceeded its useful life. Completion of this project will eliminate costly repairs and provide fire protection to the west area of town.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance			200,000			200,000
Total			200,000			200,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund			200,000			200,000
Total			200,000			200,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds

City of Ironwood, Michigan

Contact Robert Tervonen, Utility Man

Project #	W&S-18-007
Project Name	Superior St

Type Improvement

Useful Life 100

Category Water

Priority 1 Critical

Account #

Account #

Total Project Cost: \$80,000

Description
Install a new 8" water main in Superior Street from Midland to Northland.

Justification
The existing main is defective and has multiple breaks annually. Replacement of this main will provide better water flow to the west side of Ironwood. Completion of the project will eliminate costly repairs to the water budget.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance			80,000			80,000
Total			80,000			80,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund			80,000			80,000
Total			80,000			80,000

Budget Impact/Other

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Improvement
Useful Life 20
Category Water
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-19-001
Project Name Newport Location Water System Improvements

Account #
 Account #

Total Project Cost: \$500,000

Description
 Water System Improvements East Ayer Street (North of Ayer) 900 Block (Roads include: Copper St, Iron King Road, Ceccon Road) This project includes the installing of new hydrants and water mains serving the residents in the Newport Location area (South of the Industrial Park)

Justification
 The Newport Location currently have many undersized water mains in the distribution system as well as a lack of fire hydrants. This project will eliminate the undersized lines provide a loop system in the water distribution system and will provide fire protection.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance				500,000		500,000
Total				500,000		500,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund				500,000		500,000
Total				500,000		500,000

Budget Impact/Other
 Upon completion of the project, less time will be needed to repair the defective water lines and thawing frozen water services.

Capital Improvement Program

'15/'16 thru '19/'20

Department Water & Sewer Funds
Contact Robert Tervonen, Utility Man
Type Improvement
Useful Life 50
Category Water
Priority 1 Critical

City of Ironwood, Michigan

Project # W&S-19-002
Project Name Well Field Improvements-final 16" Water main ext.

Account #
Account #

Total Project Cost: \$5,500,000

Description
 Well field Improvements - Big Springs & Spring Creek upgrades include last section of 16" water main and well field piping.

Justification
 This project includes the final 5000 feet of 16" water main that will serve the Ironwood public water system. The existing main was installed in 1923. This project will dramatically improve operations at the Spring Creek well field and build a much needed filtration plant.

Expenditures	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Construction/Maintenance				5,500,000		5,500,000
Total				5,500,000		5,500,000

Funding Sources	'15/'16	'16/'17	'17/'18	'18/'19	'19/'20	Total
Water Fund				5,500,000		5,500,000
Total				5,500,000		5,500,000

Budget Impact/Other
 This project will provide the City of Ironwood Water community a new pump operation system that should last 50 years.