

HELENA FIRE DEPARTMENT

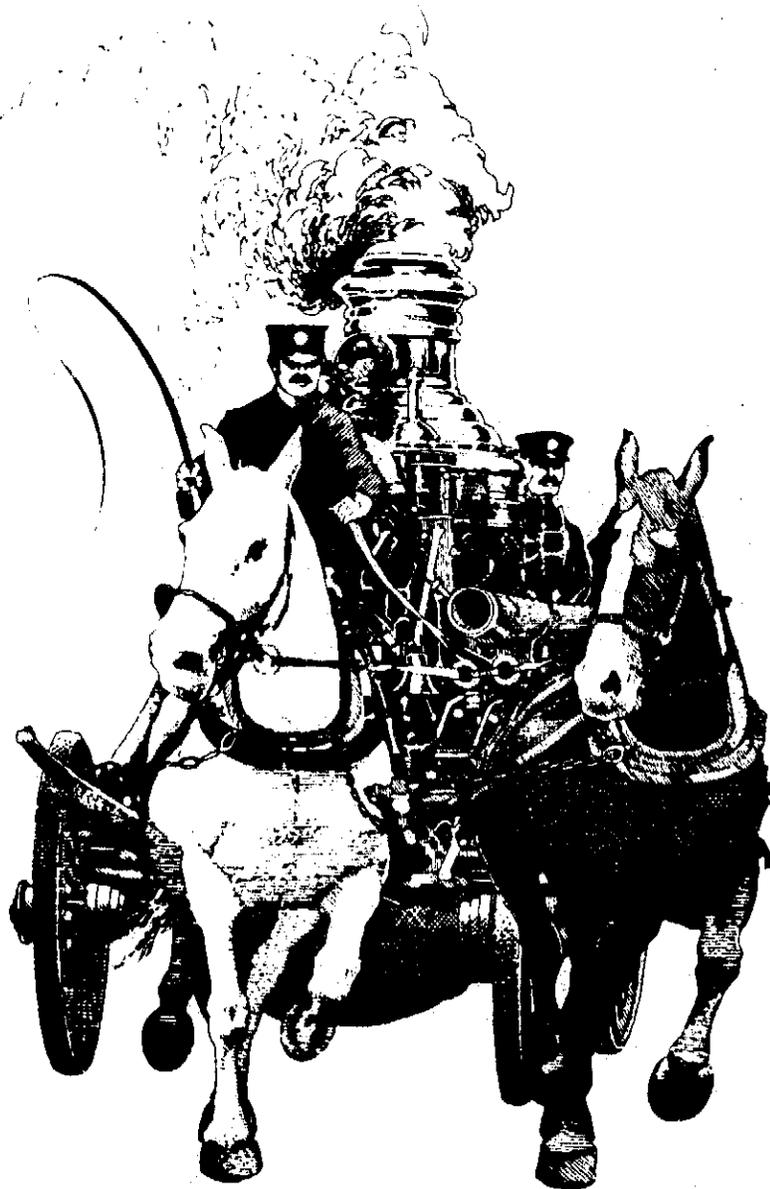
1981 ANNUAL REPORT

AS SUBMITTED TO THE HONORABLE MAYOR AND THE CITY COMMISSION

NORM GRAY, FIRE CHIEF

RICH COE, ASS'T CHIEF

ROBERT A. ERICKSON, CITY MANAGER



"SMOKE DETECTORS SAVE LIVES"

GUARDIAN OF THE GULCH



Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager

Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

INDEX

SUBMITTAL LETTER BY CHIEF, NORM GRAY PAGE 1

MAYOR, COMMISSION AND CITY MANAGER PAGE 2

MEMBERS OF HELENA FIRE DEPARTMENT PAGE 3

FIRE APPARATUS PAGE 4

BUILDING MAINTENANCE PAGE 5

CALL BY AREA (MAP) PAGE 6

ALARMS BY MONTH (CHART) PAGE 7

ALARMS BY DAY OF THE WEEK (CHART) PAGE 8

ALARMS BY HOUR OF THE DAY (CHART) PAGE 9

FIRE DEPARTMENT TRAINING PAGE 10

FIRE HYDRANT PROGRAM PAGE 11

TRUCK AND EQUIPMENT MAINTENANCE PAGE 12

FUEL USAGE PAGE 13

FIRE INCIDENT STATISTICAL DATA PAGE 14, 15, 16

FIRE PREVENTION REPORT PAGE 17, 18, 19

OPERATIONAL PROCEDURE PAGE 20, 21

FIRE PROTECTION CONTRACTS PAGE 22

FIRE LOSS PER CAPITA PAGE 23



Commissioners

Russell J. Ritter, Mayor
 Rayleen Beaton
 Michael J. DaSilva
 Joan A. Duncan
 Dale L. Johnson

Robert A. Erickson
 City Manager

Fire Department
 Mailing Address:
 City-County Admin. Bldg.
 316 North Park
 Helena, MT 59623
 Phone 406/442-9920
 Office Location:
 Civic Center Building

Fire Chief
 Norm Gray

February 1, 1982

Mr. Bob Erickson
 City Manager
 Helena, Montana 59623

Dear Mr. Erickson:

I am pleased to submit to you the 1981 Annual Report of the Helena Fire Department. This report contains statistical data and information of the operations of the Helena Fire Department.

This past year we have gone through some major changes which I feel have made the Helena Fire Department more progressive in all areas of public safety and public service.

TRAINING - Members of the Fire Department are being thoroughly trained in building familiarization, hydrant locations, streets, sprinkler systems, and technical aspects of firefighting.

INSPECTIONS & CODE ENFORCEMENT - I feel that our Fire Prevention Program is moving ahead and I am looking to the future with high expectations.

FIRE HYDRANTS - With the co-operation of the Y.A.C.C. and the Helena Water Department, we now have all of the fire hydrants in the City of Helena repainted and color coded.

EMERGENCY MEDICAL - We are now operating with ten (10) E.M.T.'s and I feel that the citizens of Helena are beginning to rely on the Helena Fire Department to be there in case of a medical emergency.

ARSON TEAM - Through the co-operation of the Helena Police Department and the Helena Fire Department, the City of Helena now has a Fire Investigation and Arson Team. This is one of the most important projects which has been developed in the past year. I feel that this team will prove to be very successful.

Although the residential fire loss was up in 1981 from 1980, the total fire loss was down substantially. The City of Helena suffered one (1) civilian fire death in 1981 and no firefighter deaths. There were no serious injuries to either civilians or firefighters. Our ultimate goal is to erase all fire deaths in our city with a good code enforcement program and public awareness programs to promote fire safety at all times on the job and in the home.

I would like to thank you, the City Commission, and the men of the Helena Fire Department for the co-operation which was given to me this past year.

Respectfully submitted,

Norm Gray
 Norm Gray, Fire Chief
 Helena Fire Department

GUARDIAN OF THE GULCH



Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager

Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

MAYOR

RUSS RITTER

COMMISSION

MIKE DASILVA
JOAN DUNCAN
DALE JOHNSON
RAYLEEN BEATON

CITY MANAGER

ROBERT ERICKSON

Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager



Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

HELENA FIRE DEPARTMENT

CHIEF
NORM GRAY

ASST. CHIEF
RICH COE

FIRE PREVENTION
ROBERT KNUDSON
STEVE LARSON

COMBAT

SHIFT #1

Capt. Lee Crawford
Lt. Ted Simpson
FF 1/C Ron Morris
FF Jim Skinner
FF Doug Duncan
FF Don Gage
FF Warren Ziegler
FF Pat Clinch

SHIFT #2

Capt. Don Holshue
Lt. Ron Jacobsen
FF 1/C Dennis Sorrels
Mechanic/FF Don Hurni
FF Dale Klugman
FF Jay Moore
FF Mike Spotorno
FF Ed Flies

SHIFT #3

Capt. Bob Pare
Lt. Joe Cross
FF 1/C Art Kreiger
FF Mike Foster
FF Bob Olson
FF Harry Crawford
FF Norb Roth
FF Jim Feucht

Resigned - Asst. Chief John C. Todd

Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager



Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

FIRE APPARATUS

1981

<u>APPARATUS #</u>	<u>STATION</u>	<u>TYPE APPARATUS</u>	<u>DESCRIPTION</u>	<u>YEAR</u>
Engine 1	Main	1250 Pumper	Seagraves	1975
Engine 2	E.S.	1250 Pumper	Hahn	1980
Engine 3	Main	1000 Pumper	FWD	1962
Truck 1	Main	85' Tower	Sutphen	1976
Truck 2	E.S.	75' Ladder	Pirsch	1946
Squad 1	Main	Mini/Rescue	Chevrolet	1979
Squad 2	E.S.	Mini/Rescue	Dodge	1976
#27	Main	Staff	Ford 2dr	1980
#28	Main	Staff	Ford 4dr	1980
#29	Main	Staff Pickup	Ford PU	1981

Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager



Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

BUILDING MAINTENANCE

Members of the Helena Fire Department devote many hours to building maintenance each year in the form of janitorial work and minor building repairs. Our building maintenance costs for two (2) buildings are quite low in comparison to other buildings of this size. Major repairs include keeping the automatic doors and heating systems operating.

BUILDING MAINTENANCE COSTS:

Main Station ----- (July to December) - \$200.00
East-side Station - (July to December) - \$ 57.00

UTILITY COST

Main Station ----- (July to December)
Gas & Electric - \$ 9,544.24
Water & Sewer - \$ 176.76

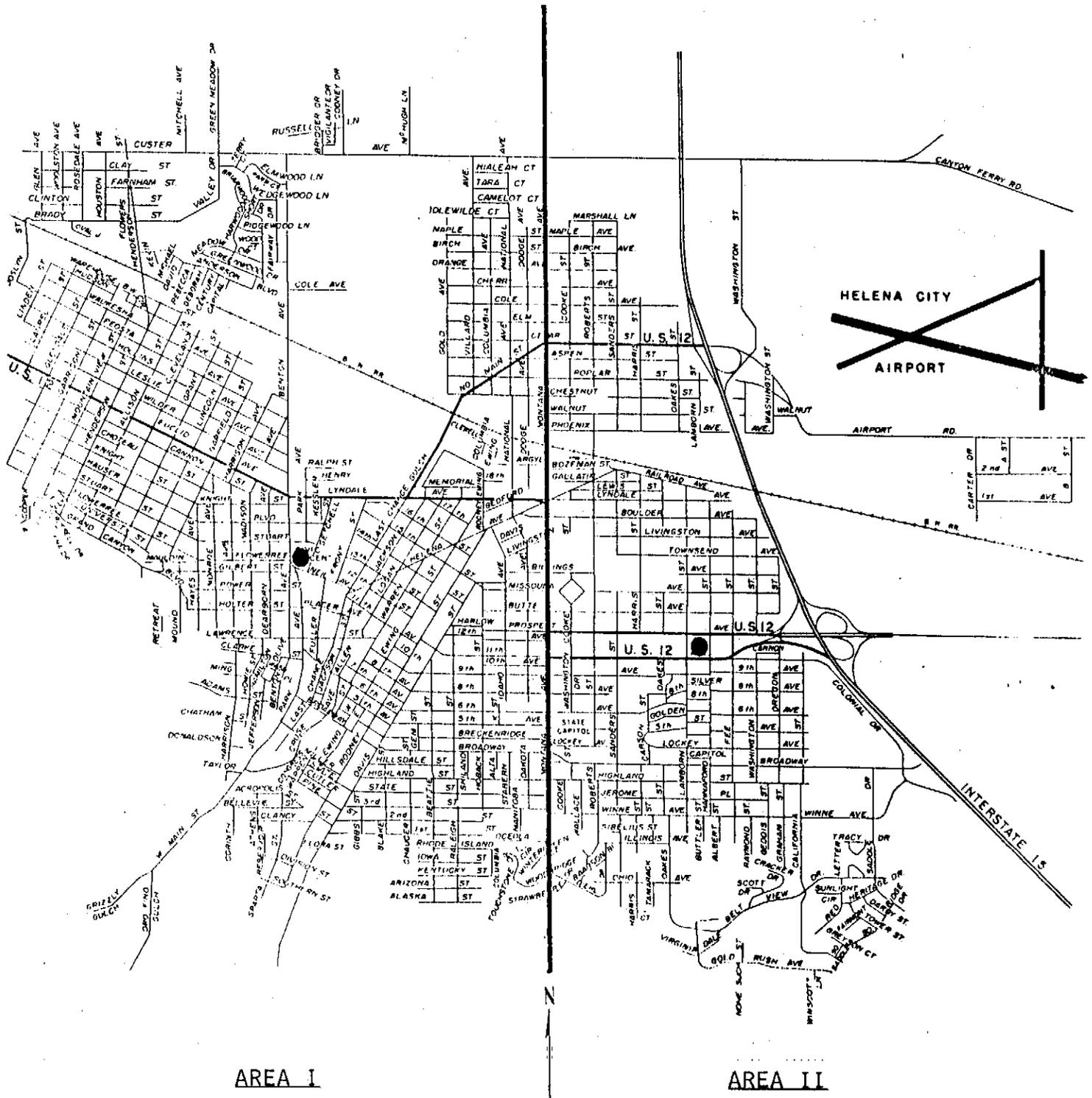
East-side Station - (July to December)
Gas & Electric - \$ 1,677.21
Water & Sewer - \$ 241.33
Garbage - \$ 90.00

JANITORIAL COST:

Main and East-side Station - (July to December) - \$ 308.83

MAN-HOURS SPENT IN BUILDING MAINTENANCE - 2,647 hours

MAP OF HELENA



AREA I

AREA II

356 TOTAL RUNS

196 TOTAL RUNS

168 ACTUAL FIRES

95 ACTUAL FIRES

TOTAL CALLS FOR BOTH AREAS - 551

TOTAL FIRES FOR BOTH AREAS - 263

GUARDIAN OF THE GULCH



City of Helena

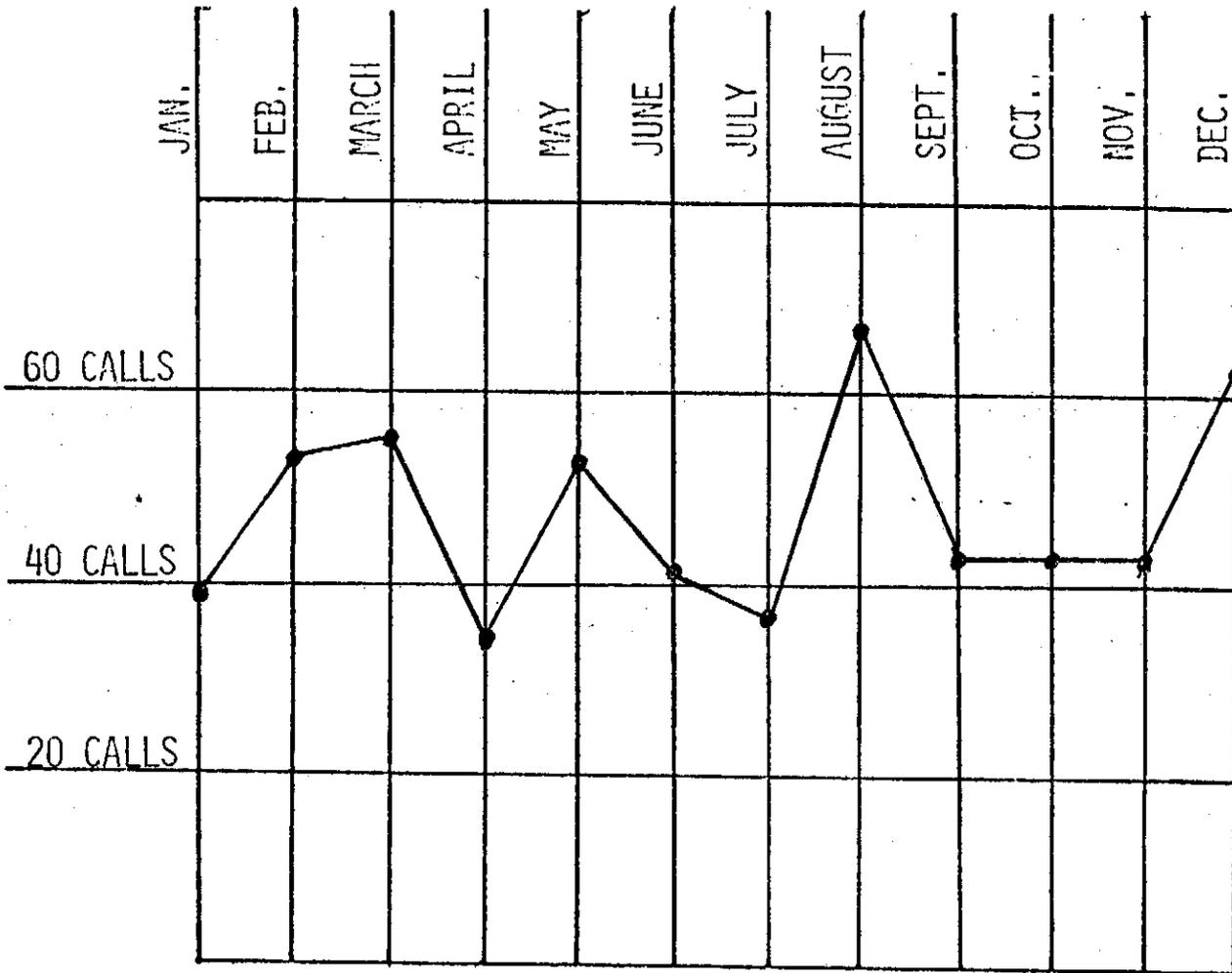
Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager

Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray



CALLS PER MONTH OF YEAR - 1981

GUARDIAN OF THE GULCH



City of Helena

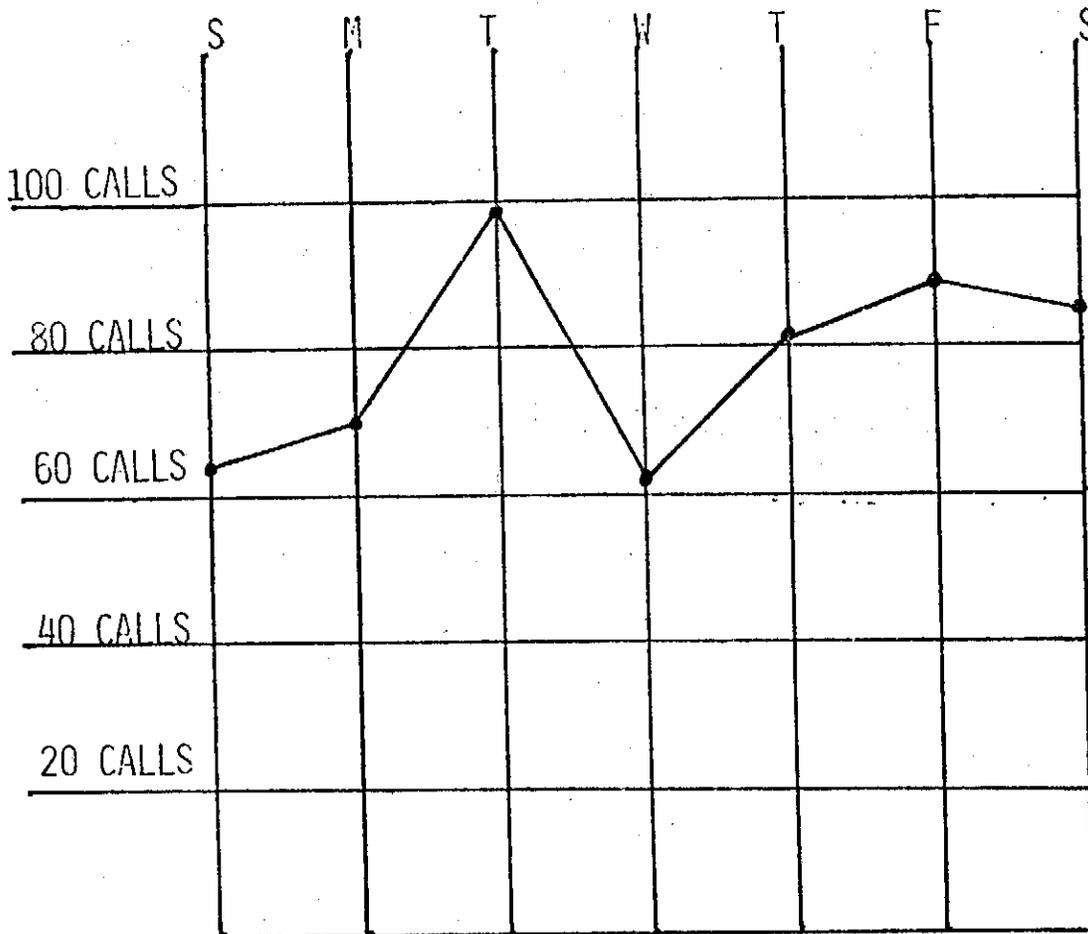
Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager

Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray



CALLS PER DAY OF WEEK - 1981

GUARDIAN OF THE GULCH



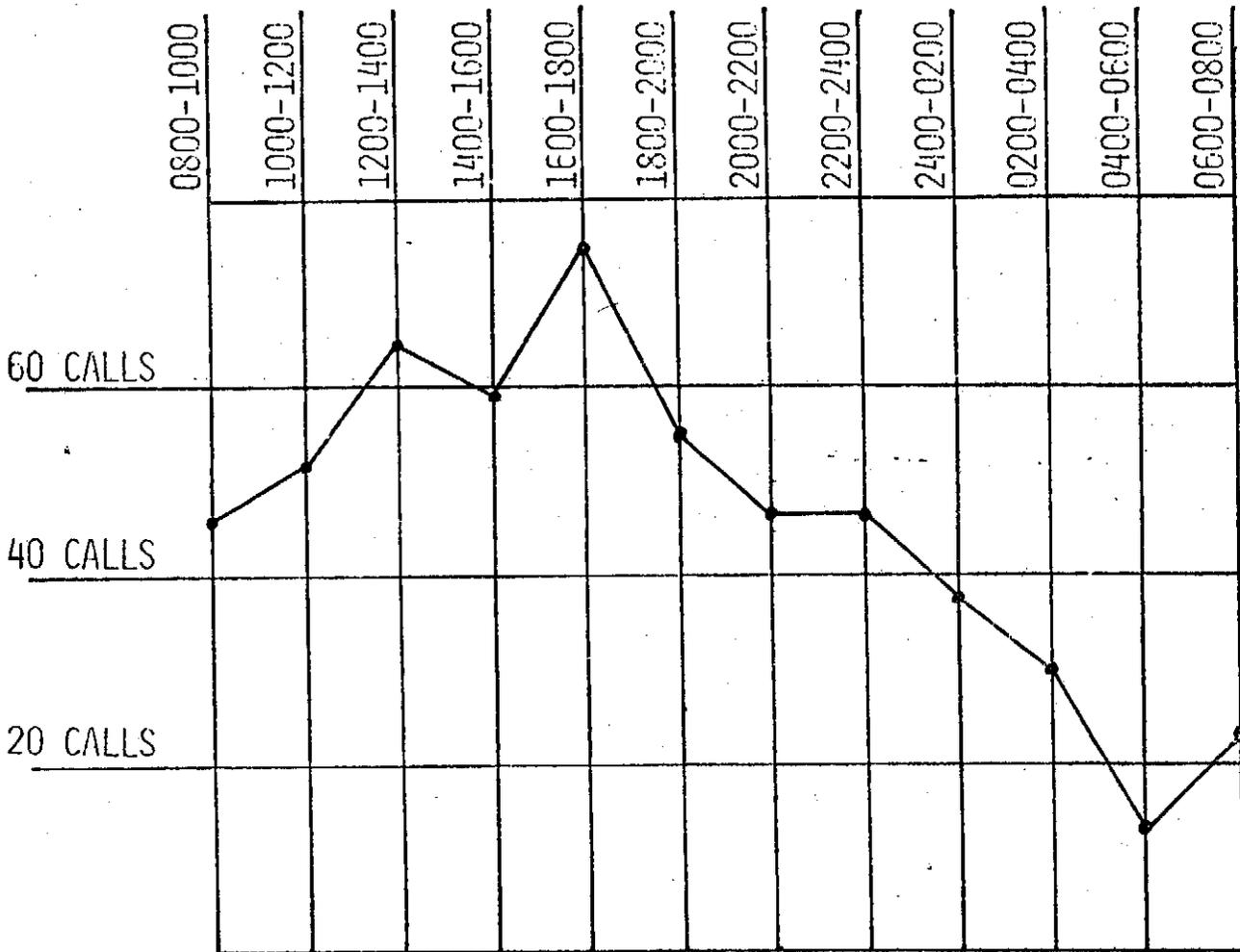
Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager

Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray



CALLS PER HOUR OF DAY - 1981



Fire Prevention is Everybody's Business



Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager



Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

FIRE DEPARTMENT TRAINING

Fire Department training is essential for effective performance on the fire ground. Not only should firefighters be trained in the technical aspects of firefighting procedures but also in local problems. Much of our training this past year has been devoted to local fire problems as well as several technical schools. Following is a list of special training which was given to the Helena Fire Department members:

- 21 men attended the Defensive Driving Course.
- 6 men attended the Emergency Medical Tech. Course. (81+ hours)
- 19 men attended the Radiological Monitoring Classes.
- 15 men attended the National Guard Helicopter Familiarization Sessions.
- 15 men attended 727-737 Jetliner Familiarization Sessions.
- 20 men attended classes dealing with anhydrous ammonia, fertilizers and assorted agricultural chemicals presented by the Simplot Fertilizer Company of Pocatello.
- 13 men attended classes presented by Petrolane dealing with liquified petroleum gas (propane) concerning fires and precautions.
- 21 men attended classes presented by the Disaster and Emergency Service Unit (State of Montana) dealing mainly with the handling and transportation of hazardous materials.

Firefighters also completed 53 company inspections (pre-fire planning) and all fire hydrants in the City of Helena were color coded and renumbered.

Reference notebooks which are carried in first line engines have been updated. These notebooks contain street maps showing hydrant locations, sprinkler system and Knox box lists as well as diagrams of mobile home courts and other areas.

During 1981 Fire Department Personnel were involved in 2364 hours of class training and 3133 hours were spent in the field; a total of 5677 hours of training.

Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager



Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

FIRE HYDRANT MAINTENANCE AND OPERATION

As of January, 1982 the City of Helena Fire Department had approximately 852 fire hydrants in it's initial response areas. These areas include the City and Fire District #3 west of the city.

Normally the Fire Department makes every effort to check all hydrants annually. The hydrants are flowed and the GPM (Gallons Per Minute) is recorded. Also the caps are checked and lubricated. The operation of the hydrant is noted and any difficulty is reported to the Water Department for necessary repairs.

During 1981 the Fire Department was prevented from flowing the hydrants due to the spring flooding and subsequent damage to the ten mile water system. However, the following was accomplished. All hydrants were renumbered leaving blanks in numbering to allow for future expansion such as sub-divisions, etc. The hydrants were painted a bright industrial yellow and the tops were color coded according to the National Coding System. A red cap indicates less than 500 GPM. A yellow cap indicates between 500-1000 GPM. A green cap indicates over 1000 GPM.

At the present time there are approximately 43 red or low output hydrants. Most of these are on 4" water mains, many of which are dead ended. The City still has a number of hydrants which are becoming increasingly difficult to obtain parts for. The Water Department wants to replace these with either Mueller or Pacific States brand hydrants.

Recently, at the request of the Manager, a check was conducted to determine the locations of hydrants that need extensions. It was determined that about 80 hydrants needed raising or turning or both. This information was given to the Water Department and they have begun the task with the parts available and are ordering the rest.

GUARDIAN OF THE GULCH



Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager

Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

TRUCK AND EQUIPMENT MAINTENANCE

Fire apparatus and equipment must be ready for use at all times. Many man-hours are spent in truck and equipment maintenance each year by our Fire Department mechanic and by shift members. All major work is performed by the mechanic. Preventative maintenance and weekly checks are performed by shift members. Following is a breakdown of the preventative maintenance done by shift members for 1981.

EQUIPMENT MAINTENANCE - 1,838 hours
TRUCK MAINTENANCE - 1,422 hours
TOTAL - 3,260 hours

COST OF REPAIRS FOR VEHICLES IN 1981

<u>Engine 1</u>	- (1975 Seagraves Pumper) -----	\$ 337.72
	A repair on the radiator was a major expense on this vehicle.	
<u>Engine 2</u>	- (1980 Hahn Pumper) -----	\$ 22.09
	No major repairs	
<u>Engine 3</u>	- (1962 FWD Pumper) -----	\$ 154.16
	Miscellaneous repairs	
<u>Truck 1</u>	- (1976 Sutphen Tower) -----	\$ 215.71
	Battery had to be replaced.	
<u>Truck 2</u>	- (1946 Pirsch Ladder) -----	\$.00
<u>Squad 1</u>	- (1979 Chevrolet Mini) -----	\$.00
<u>Squad 2</u>	- (1976 Dodge Mini) -----	\$ 210.67
	Repairs to pump drive and several minor repairs.	
<u>Staff vehicles</u>	- (Ford Sedans & Pickup)-	\$ 450.84
	No repairs were done. Cost was for snow tires, rims and miscellaneous small items.	
<u>Miscellaneous parts for all vehicles</u>	---	\$ 365.66
	TOTAL ---	<u>\$1,756.84</u>

The balance of the repair budget was for expenses on all other equipment in the Helena Fire Department.

Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager



Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

FUEL USAGE

(For July 1, 1981 to December 31, 1981)

<u>VEHICLE</u>	<u>FUEL</u>	<u>MILES</u>	<u>M.P.G.</u>
Engine 1 (Diesel)	300.3 gallons	818.3	2.72
Engine 2 (Diesel)	266.7 gallons	1,358.5	5.09
Engine 3 (Gasoline)	53.5 gallons	80.0	1.50
Truck 1 (Diesel)	144.1 gallons	303.0	2.10
Truck 2 (Gasoline)	3.0 gallons	12.0	4.0
#27 - Ford (Gasoline)	164.0 gallons	2,399.0	14.6
#28 - Ford (Gasoline)	267.6 gallons	3,501.0	13.0
#29 - Ford Pickup (Gasoline)	196.2 gallons	1,922.3	9.79

TOTAL GALLONS OF GASOLINE - 981.5

TOTAL GALLONS OF DIESEL - 711.1

Commissioners

Russell J. Ritter, Mayor
 Rayleen Beaton
 Michael J. DaSilva
 Joan A. Duncan
 Dale L. Johnson

Robert A. Erickson
 City Manager



Fire Department
 Mailing Address:
 City-County Admin. Bldg.
 316 North Park
 Helena, MT 59623
 Phone 406/442-9920
 Office Location:
 Civic Center Building

Fire Chief
 Norm Gray

FIRE INCIDENT STATISTICAL REPORT

Source of Alarm

	<u>This year</u>	<u>Last year</u>
Fire Department telephone	390	401
Police Department telephone	105	116
Alarm Board	42	53
Radio	7	9
Direct Report	8	9
TOTAL	<u>552</u>	<u>588</u>

Type of Situation Found

	<u>This year</u>	<u>Last year</u>
Fire, explosion, etc.	246	236
Smoke scare	68	80
Rescue, crash, emergency	54	60
Hazardous condition	48	63
Public Service	12	21
Alarm - (no fire)	82	81
False alarm (malicious)	10	20
Electrical problem	27	21
Miscellaneous	5	6
TOTAL	<u>552</u>	<u>588</u>

Total Alarm by Area

	<u>This year</u>	<u>Last year</u>
In City	533	563
Fire District	18	24
Contract	1	1
Mutual Aid	0	0
TOTAL	<u>552</u>	<u>588</u>

- continued on next page

Fire Location

	<u>This year</u>	<u>Last year</u>
In building	108	107
Wild land	46	28
Rubbish near building	8	16
Rubbish in vacant lot	12	10
Trash cans	2	0
Vehicles	37	43
Dumpsters	31	28
Miscellaneous	2	0
TOTAL	<u>246</u>	<u>232</u>

Fire Control Method

	<u>This year</u>	<u>Last year</u>
By fire department	190	169
By occupants	12	11
Sprinkler system	1	1
Fire out on arrival	38	33
Other	5	18
TOTAL	<u>246</u>	<u>232</u>

Fire Causes (In buildings)

	<u>This year</u>	<u>Last year</u>
Chimneys and wood burning appliances	43	44
Combustibles near heaters.....	6	11
Careless use of open flame	5	2
Careless use of smoking material	6	8
Children with matches	3	3
Defective electrical	16	16
Flammable liquids	1	1
Fireworks	1	0
Natural conditions	3	0
Incendiary	9	13
Suspicious	3	5
Unknown	1	0
Miscellaneous	11	4
TOTAL	<u>108</u>	<u>107</u>

Fire Loss Analysis

	<u>This year</u>		<u>Last year</u>	
	<u>Fires</u>	<u>Loss</u>	<u>Fires</u>	<u>Loss</u>
Public buildings	5	\$ 2,300.00	8	\$ 66,450.00
Dwellings	84	\$ 531,262.00	58	\$ 113,117.00
Mercantiles	6	\$ 65,110.00	12	\$ 1,309,700.00
Manufacturing	0	\$.00	0	\$.00
Miscellaneous	9	\$ 43,500.00	3	\$ 4,900.00
Vehicles	62	\$ 13,000.00	70	\$ 27,210.00
		<u>This year</u>		<u>Last year</u>
Outdoor fire loss (vehicles, etc.)		\$ 13,000.00		\$ 27,210.00
Building fire loss		\$ 642,242.00		\$ 1,494,167.00
TOTAL ESTIMATED FIRE LOSS		\$ 655,242.00		\$ 1,521,377.00

Death and Injury in Fires

	<u>This year</u>	<u>Last year</u>
Civilians injured	0	3
Firefighters injured	<u>1</u>	<u>7</u>
TOTAL	1	10
Civilians killed	1	2
Firefighters killed	<u>0</u>	<u>0</u>
TOTAL	1	2

Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager



Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

TO: Norm Gray, Fire Chief
FROM: Bob Knudson, Fire Prevention Officer
DATE: January 15, 1982
SUBJECT: Annual Report from the Fire Prevention Bureau
the year of 1981

COMMENTARY:

THE NEED FOR FIRE PREVENTION

As we are all aware, one of the most important non-firefighting functions associated with the fire service is the field of fire prevention. Unfortunately, this is an area often overlooked and many times forgotten altogether.

The functions of the Fire Prevention Bureau are many. The Bureau is responsible for conducting routine, as well as technical fire inspections, complaint investigations, fire and arson investigations, plan reviews for commercial construction and remodeling, consultation with architects, contractors, and property owners concerning all aspects of fire protection and prevention. The Bureau also has the task of informing the public about its fire safety program and how it concerns each and everyone of them. To reach this broad area of people in our community it takes a constant on-going public education program. In order to accomplish this, the Bureau uses several different things, including the use of the news media, talks at meetings, two (2) seasonal programs including Fire Prevention Week and spring clean-up, and various other programs for educating children, baby-sitters, employees and employers in many of the different businesses throughout our community.

This brings me to the goals of the Bureau for the up-coming year of 1982:

1. Better coordination and combined efforts with the Building Department.
2. To inspect as many buildings as possible.
3. To reach better code compliance without the use of gestapo tactics.
4. To become more knowledgeable of the fire codes.
5. To get the filing system back into proper order.
6. Last, but not least, to investigate all suspicious, incendiary, large loss fires and all fires which result in a death. We have recently formed the Helena Arson Team, which is comprised of myself, Steve Larson (Helena Fire

Department), Pius Gleich and Bill Wood of the Helena Police Department. The interrogation and investigation experience of Captain Gleich and Sergeant Wood will aid greatly in our investigations.

1981 CODE ENFORCEMENT ACTIVITIES

INSPECTIONS

<u>Occupancy Type</u>	<u>Number of Inspections</u>
Assembly	111
Educational	33
Residential	156
Mercantile	202
Business	148
Industrial	<u>57</u>
SUB TOTAL	707
Re-inspections conducted	<u>438</u>
TOTAL	1,145

FOUR YEAR COMPARISON

<u>Year</u>	<u>Total Inspections</u>
1981	1,145
1980	749
1979	1,486
1978	1,741

ORDERS, NOTICES, AND CITATIONS

Notices are issued for the correction of routine violations. Orders are issued for the correction of more hazardous violations and to gain code compliance and only as a last resort are citations issued.

During 1981, there were 320 notices, 55 orders, and 4 citations issued.

PLAN REVIEWS

The Bureau is also responsible for plan reviews of all new construction and remodeling of commercial structures, plus plan reviews for all fire protection systems that are installed.

The Total plan review hours for 1981 was 73.

FIRE INVESTIGATION

As required by state law, the Bureau is responsible for investigating all fires within its jurisdiction. In 1981, the Bureau investigated all fires which were of incendiary origin, suspicious origin, where there was injury or death and large dollar loss fires.

In 1981, the department investigated a total of 53 fires, 25 were accidental, 3 arson, 22 incendiary, 2 suspicious and 1 of undetermined origin.

FOUR YEAR COMPARISON

<u>Year</u>	<u>No. Investigated</u>	<u>Incendiary</u>	<u>Arrests</u>	<u>Convictions</u>
1981	53	22	7	1
1980	59	32	5	0
1979	47	16	5	2
1978	34	5	2	2

PUBLIC EDUCATION

Part of the Public Education Program is informing the people through the news media. During 1981, the Bureau conducted 12 radio and T.V. spots, 30 lectures and demonstrations, conducted 15 fire drills and counseled 4 Boy Scout Merit Badges.

BK:jy

Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager



Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

FIRE PROTECTION CONTRACTS

Fire District #3

Engine 1 and 3 men (Squad 2 and Engine 2 move to Main Station if working fire)

(Call in 3 men to standby if working fire)

V.A. Hospital

Engine 1 and 3 men (Squad 2 and Engine 2 move to Main Station if working fire)

(Call in 3 men to standby if working fire)

Highway Shops

Engine 1 and 3 men (Squad 2 and Engine 2 move to Main Station if working fire)

(Call in 3 men to standby if working fire)

IOOF Home

Engine 1 and 3 men (Squad 2 and Engine 2 move to Main Station if working fire)

(Call in 3 men to standby if working fire)

Fairgrounds

Engine 1 and 3 men (Squad 2 and Engine 2 move to Main Station if working fire)

(Call in 3 men to standby if working fire)

If additional help is needed call Police desk and instruct dispatcher how many men will be needed. If only one shift is needed call in shift which was relieved.

GUARDIAN OF THE GULCH



Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager

Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

FIRE PROTECTION CONTRACTS

At the present time the City of Helena has several Fire Protection Contracts with areas outside the city limits. These include the Veteran's Administration Hospital, the County Fairgrounds, the State Highway Shops, the IOOF Home, and the area west of the city which is Fire District #3. We cover these areas with one (1) pumper and three (3) men. The cost of the fire protection for these areas is computed by taking the valuation based on fire insurance and multiplying that figure by mill levy necessary for operating the Helena Fire Department. The cost for taxpayers in the fire district is computed on the same basis as the people who live in the city limits. The private protection contracts are re-negotiated each year after it is determined what the operational budget for the Helena Fire Department is.

Following is a breakdown of the money received by the City of Helena from these contracts:

VETERAN'S ADMINISTRATION HOSPITAL.....	\$ 16,381.88
COUNTY FAIRGROUNDS.....	\$ 2,099.49
ODD FELLOWS HOME (IOOF).....	\$ 591.12
HIGHWAY SHOPS.....	\$ 1,180.02
FIRE DISTRICT #3.....	<u>\$ 24,287.50</u>
TOTAL	\$ 44,540.01

The Helena Fire Department also has two (2) Mutual Aid Contracts. These contracts are with the West Helena Valley Volunteer Fire Department and the East Helena Volunteer Fire Department. These contracts state that in the event of a large fire, the Helena Fire Department would receive one (1) pumper and ten (10) men from each fire department for a total of two (2) pumpers and twenty (20) men. If either of the volunteer fire departments should need our help, we are obligated to send one (1) pumper and two (2) men.

Commissioners

Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Dale L. Johnson

Robert A. Erickson
City Manager



Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

FIRE LOSS COSTS AND FIRE PROTECTION COSTS

Helena Fire Department Budget

1980 - \$ 593,011.00
1981 - \$ 696,344.00

Fire Protection Cost Per Capita

1980 - \$ 27.77 per person
1981 - \$ 29.09 per person

Fire Loss Per Capita

Fire loss 1980 - \$1,521,377.00
Fire loss 1980 - \$ 63.56
(per person)
Fire loss 1981 - \$ 655,242.00
Fire loss 1981 - \$ 27.37
(per person)

These figures show that in 1980, due to several large arson fires, the fire loss was approximately three times larger than in 1981. The fire loss in 1981 was extremely high in apartments (\$303,963.00) and in one and two family dwellings (\$160,139.00).