

LEWISBURG
FIRE DEPARTMENT
PROUDLY SERVING SINCE 1898

ANNUAL REPORT
2005

Chief Wayne E. Pennington

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January 10, 2006

*A message from
the Chief,*

It is with great pride and pleasure that I present to Mayor John Manchester, the members of the Lewisburg City Council, and the citizens of Lewisburg the 2005 Annual Report of the City of Lewisburg Volunteer Fire Department. This document summarizes the Department's emergency responses and other services provided.

The number of emergency responses (434) is an increase over the 2004 responses (352). The dollar loss for property damages decreased from \$247,700 (2004) to \$220,900 for 2005. There was one civilian fire death, no civilian fire related injuries, there were no firefighter deaths and no firefighter injuries reported for 2005.

During 2005, the City of Lewisburg Volunteer Fire Department experienced a decrease in membership from twenty-eight (28) active firefighters to twenty-six (26) active firefighters. In the 2005 year the Department took delivery of a 2005 75 Foot Ladder/Pumper, purchased by the Lewisburg Volunteer Fire Co., Inc., this new apparatus replaces a 1976 100 Foot Ladder. The addition of the Ladder/Pumper should help in the lowering of insurance premiums for the citizens of Lewisburg.

Once again the citizens of Lewisburg are fortunate to have a City Government that continues to support the Fire Service. Our members continue to take pride in the quality of fire and emergency protection the Department delivers to the citizens of Lewisburg and the Lewisburg Fire District. I continue to be extremely proud of the men and women of the Department who put their lives on the line every day to make our community a truly safer and better place to live.

Respectfully submitted,

Chief Wayne E. Pennington

***Mission of the
Lewisburg Fire Department***

“ The Mission of the Lewisburg Fire Department is to minimize the loss of property and the environment, resulting from fire and other disasters;

To all who may need us, be it our families, our citizens, or our fellow firefighters;

We will accomplish our mission through our dedicated professional members by their constant diligence, training, prevention, fire suppression and other emergency and non-emergency activities.”

***Lewisburg Fire Department members are thereby
guided by the following principles:***

- *People are the most valuable resource*
- *We are accountable to those we serve*
- *Compassion, fairness, and integrity are practiced in all our endeavors*
- *Through active leadership, we shall promote the use of quality principles, concepts, and technologies*
- *Value to the community is measured in the type and quality of services provided*

LEWISBURG FIRE DEPARTMENT MEMBERSHIP ROSTER

ACTIVE MEMBERS

LOS

1)	Wayne Pennington	25 Years	Chief 1,3
2)	Bernie Simmons	28 Years	Asst. Chief 1,3
3)	Matt Carver	13 Years	Asst. Chief 2,3
4)	John Gherman	37 Years	Safety Officer
5)	Doug Beard	16 Years	Captain 2,3
6)	Gary Workman	10 Years	Captain/EMT 2,3
7)	Chris Teubert	16 Years	Lieutenant/Med 3
8)	Doug Williamson	14 Years	Lieutenant 3
9)	Brandon McCormick	2 Years	Lieutenant 3
10)	Mark Chattin	21 Years	Engineer 3
11)	Bob Cohenour	23 Years	FF III 1,3
12)	Thomas Gherman	12 Years	FF III 1,3
13)	Kevin Hanson	6 Years	FF III 3
14)	Bruce Ramsey	16 Years	FF III 3
15)	Bill Turner	30 Years	FF III 2,3
16)	James VanMetre	31 Years	FF III
17)	Virgil White	19 Years	FF III 1,3
18)	Rick Honaker	3 Years	FF II 3
19)	Randy Chambers	1 Year	FF I
20)	Jeromy Dove	2 Years	FF I 3
21)	Gary Ford	2 Years	FF I
22)	Raymond Graham	17 Years	FF I
23)	Karen Willis	2 Years	FF I 3
24)	Eli Loudermilk	1 Year	Probationary 2,3
25)	Joey Thomas	1 Year	Probationary 2,3
26)	Jodi Pennington	8 Years	Medical Officer
27)	Wanda Johnson	5 Years	Treasurer

1 Denotes Hazardous Materials Technician Certified

2 Denotes Hazardous Materials Operation Certified

3 Denotes Automotive Rescue Technician Certified

LEWISBURG FIRE DEPARTMENT VEHICLES

Ladder

2005 Smeal Pumper/Ladder 1750 gpm 75 ft. Aerial

Pumper

2003 Smeal Pumper 1500 gpm 1000 gal. tank

1996 Smeal Pumper 1250 gpm 750 gal. tank

1980 American LaFrance 1500 gpm 750 gal. tank

1928 American LaFrance 100 gpm 100 gal tank

Tanker

1986 Smeal Tanker/Pumper 1250 gpm 2000 gal. tank

Utility

1994 Ford F-350 Traffic control, brush fire

Command

2002 Ford Expedition Pre-plans, communications

Staff

1997 Ford Crown Victoria Personnel transport

**CAPITAL IMPROVEMENT AND
REPLACEMENT SCHEDULE
PROPOSED – JANUARY 2006**

<u>Budget Year</u>	<u>Item</u>	
2006 – 2007	Replace six (6) sets of protective clothing (City)	10,345
	Replace two (2) 2 ½” fire nozzles (City)	2,200
	Upgrade 20 Self Contained Breathing Apparatus	20,000
	Replace Heating and AC Unit at Station 1 (Corp)	<u>9,200</u>
		\$41,745
2007 – 2008	Replace six (6) sets of protective clothing (City)	11,379
	Replace two (2) 1 ½” fire nozzles (City)	1,700
	Replace 1994 & 1997 Staff Vehicles (Corp)	78,000
	Purchase land for Fire/Police Complex (City)	175,000
	Up-grade six (6) SCBA Bottles (City)	<u>6,600</u>
	\$272,679	
2008 – 2009	Replace six (6) sets of protective clothing (City)	12,516
	Paint Fire Stations (City)	6,570
	Improvements to Live Burn Building (Corp)	<u>26,000</u>
	\$45,086	
2009 – 2010	Replace six (6) sets of protective clothing (City)	13,767
	Replace Communications Equipment (City)	76,000
	Replace 1994 Utility Truck (Corp)	125,000
	Up-grade six (6) SCBA Bottles (City)	<u>7,260</u>
	\$222,027	
2010 – 2011	Replace six (6) sets of protective clothing (City)	15,143
	Replace 2002 Command Unit (Corp)	50,000
	Up-grade Breathing Apparatus (City)	<u>40,000</u>
	\$105,143	
2011 – 2012	Replace six (6) sets of protective clothing (City)	16,657
	Up-grade six (6) SCBA Bottles (City)	<u>8,784</u>
	\$25,441	

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2012 – 2013	Replace six (6) sets of protective clothing (City)	18,322
	Construction of new Fire/Police Complex (City)	900,000
	Replace 1986 Smeal Tanker (Corp)	<u>200,000</u>
		\$1,118,322
2013 – 2014	Replace six (6) sets of protective clothing (City)	20,154
	Replace Thermal Imaging Cameras (Corp)	32,000
	Up-grade six (6) SCBA Bottles (City)	<u>9,662</u>
		\$61,816
2014 – 2015	Replace six (6) sets of protective clothing (City)	22,169
	Replace Staff Vehicles (Corp)	<u>90,000</u>
		\$112,169
2015 – 2016	Replace six (6) sets of protective clothing (City)	24,385
	Up-grade six (6) SCBA Bottles (City)	<u>10,628</u>
		\$35,013
2016 – 2017	Replace six (6) sets of protective clothing (City)	26,823
	Improvements to Station 2 (Corp)	<u>180,000</u>
		\$206,823
2017 – 2018	Replace six (6) sets of protective clothing (City)	29,505
	Replace 1996 Smeal Pumper (City)	320,000
	Up-grade six (6) SCBA Bottles (City)	<u>11,690</u>
		\$361,195
2018 – 2019	Replace six (6) sets of protective clothing (City)	32,455
	Replace twenty (22) SCBA Apparatus (City)	180,000
	Replace Command Unit (Corp)	<u>55,000</u>
		\$267,455
2019 – 2020	Replace six (6) sets of protective clothing (City)	35,700
	Up-grade six (6) SCBA Bottles (City)	<u>14,000</u>
		\$49,700

Note: These proposed improvements and replacements cover a period of fourteen (14) years and must be reviewed and adjusted each year to keep the proposal in line with the needs for fire and emergency response. All expenditures cannot be predicted, but this proposal is a major step in creating a system that is proactive as opposed to a system that reacts after the fact. Fourteen year capital outlay proposal totals \$2,920,228

VEHICLE REPLACEMENT SCHEDULE

STATE OF REPAIR FOR PROPERTY

Foster Street Station (City)	Deterioration of west foundation and wall continues, East & west interior walls paint continues to peel due to water damage from adjacent buildings, All windows and doors, with exception to rear exit door, are in good condition, Roof appears to be in good condition Replacement heating/AC unit needs installed
Jefferson Street Station (Corporation)	All windows and doors are in good condition Roof appears to be in good condition
Smoke House Jefferson (Corporation)	All doors are in good condition Roof appears to be in good condition
Live Burn Building (Corporation)	Structure is sound, walls, roof, doors and burn pans are in good order
2005 Smeal Ladder (Corporation)	Excellent condition 10,290 miles 323 engine hours Needs UL service test in spring of 2006
2003 Smeal Pumper (City)	Excellent condition 7,490 miles 578 engine hours
2002 Ford Expedition (Corporation)	Excellent condition 41,018 miles
1997 Ford Crown Vic (City)	Fair condition 113,097 miles

1996 Smeal Pumper (City)	Excellent condition 13,322 miles 1,348 engine hours
1994 Ford F-350 Utility (Corporation)	Good condition 14,882 miles
1986 Smeal Tanker (Corporation)	Good condition 14,038 miles 1,047 engine hours
1980 American LaFrance Pumper (Corporation)	Good Condition 17,117 miles 2,902 engine hours
1928 American LaFrance Pumper (City)	Poor condition Vehicle is in need of total restoration

ACTIVITIES SUMMARY/COMPARISON REPORT

I.	<u>Fire Alarms Answered</u>	2001	2002	2003	2004	2005
	A. Structure Fires	12	19	15	25	15
	B. Vehicle Fires	9	10	5	8	10
	C. Brush Fires	11	9	2	6	4
	D. Vehicle Accidents	55	62	91	128	120
	E. Vehicle Extrications	6	5	5	5	7
	F. Spill, leak	6	10	8	9	11
	G. Automatic Alarm	9	55	62	73	76
	H. Medical Assists	0	0	0	0	69
	I. Other	<u>110</u>	<u>43</u>	<u>112</u>	<u>98</u>	<u>122</u>
	Total alarms answered	218	213	301	352	434
	Total Incident Man-hours	2670	1917	1354	2640	3255
II.	<u>Fire Casualty</u>					
	A. Civilian Injury	0	1	1	0	0
	B. Civilian Death	0	1	0	0	1
	C. Firefighter Injury	1	0	0	1	0
	D. Firefighter Death	0	0	0	0	0
III.	<u>Training</u>					
	A. In-house	1776	2400	2160	1888	1200
	B. Specialized	<u>772</u>	<u>810</u>	<u>896</u>	<u>480</u>	<u>1120</u>
	Total Training Man-hours	2548	3210	3056	2368	2320
IV.	<u>Other Activities</u>					
	A. Hydrant Flow Hrs.	84	22	96	80	400
	B. Public Education Hrs.	72	24	74	78	50
	C. Administrative Hrs.	2007	2130	3094	3056	----
	D. Maintenance Hrs.	404	281	220	190	75
	E. Pre-plan Hrs.	84	84	120	94	320
	F. Fire Investigation Hrs.	91	116	71	90	12
	G. Fire Inspection Hrs.	<u>43</u>	<u>32</u>	<u>28</u>	<u>18</u>	<u>32</u>
V.	<u>Total Man-Hours</u>	8003	7816	8113	8614	6464

INCIDENT BY TYPE OF SITUATION FOUND

<u>TYPE</u>	<u>SITUATION FOUND</u>	<u>TOTAL</u>
100	FIRE, OTHER	2
111	BUILDING FIRE	15
113	COOKING FIRE, CONFINED TO CONTAINER	1
114	CHIMNEY OR FLUE FIRE, CONFINED TO	2
131	PASSENGER VEHICLE FIRE	5
137	CAMPER OR RV FIRE	1
142	BRUSH, OR BRUSH AND GRASS FIRE	3
154	DUMPSTER FIRE	2
311	MEDICAL ASSIST, ASSIST EMS CREW	69
322	VEHICLE ACCIDENTS WITH INJURIES	37
352	EXTRICATION, VICTIM(S) FROM VEHICLE	7
400	HAZARDOUS CONDITION, ROADWAY	6
411	GASOLINE/FLAMMABLE LIQUID SPILL	1
412	GAS LEAK (NATURAL GAS OR LPG)	4
413	OIL/OTHER COMBUSTIBLE LIQUID SPILL	2
422	CHEMICAL SPILL/LEAK	1
444	POWER LINE DOWN	13
445	ARCHING, SHORTED ELECT EQUIP	7
460	ACCIDENT, GOOD INTENT	8

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<u>TYPE</u>	<u>SITUATION FOUND</u>	<u>TOTAL</u>
463	VEHICAL ACCIDENT	83
500	SERVICE CALL, OTHER	18
511	LOCK-OUT	1
531	SMOKE OR ODOR REMOVAL	2
550	PUBLIC SERVICE ASSISTANCE, OTHER	3
551	ASSIST POLICE/OTHER AGENCY	6
552	POLICE MATTER	1
561	UNAUTHORIZED BURNING	1
571	COVER, STANDBY, MOVEUP	8
600	GOOD INTENT CALL, OTHER	11
611	DISPATCHED & CANCELED EN ROUTE	2
621	DISPATCHED TO WRONG LOCATION	1
631	AUTHORIZED CONTROLLED BURNING	4
650	STEAM, GAS MISTAKEN FOR SMOKE	9
651	SMOKE SCARE, ODOR OF SMOKE	1
710	MALICIOUS FALSE CALL, OTHER	1
711	MALICIOUS ALARM SYSTEM, PULLBOX	2
735	ALARM SYSTEM SOUNDED DUE T MALFUNCTION	1
740	UNINTENTIONAL TRANSMISSION OF ALARM, OTHER	9

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<u>TYPE</u>	<u>SITUATION FOUND</u>	<u>TOTAL</u>
744	DETECTOR ACTIVATION, NO FIRE – UNINTENTIONAL	64
745	ALARM SYSTEM SOUNDED, NO FIRE – UNINTENTIONAL	3
746	CARBON MONOXIDE DETECTOR ACTIVATION, NO CO	3
800	SEVERE WEATHER/NATURAL DISASTER	10
812	FLOOD ASSESSMENT	2
900	MOCK DISASTER	1
914	LIGHTNING STRIKE, NO FIRE	1
	Total Number of Incidents	434
	Total Number of Incident Types	45

INCIDENT STATISTICS

INCIDENTS BY TIME OF DAY

00:00 – 03:59	38
04:00 – 07:59	37
08:00 – 11:59	77
12:00 – 15:59	116
16:00 – 19:59	103
20:00 – 23:59	63
Total Incidents	434

INCIDNETS BY DAY OF WEEK

SUNDAY	42
MONDAY	81
TUESDAY	56
WEDNESDAY	70
THURSDAY	65
FRIDAY	80
SATURDAY	<u>40</u>
Total Incidents	434

INCIDENTS BY MONTH

JAN 25	JUL 34
FEB 24	AUG 45
MAR 23	SEP 47
APR 36	OCT 46
MAY 19	NOV 38
JUN 56	DEC <u>41</u>
Total Incidents	434

REPONSES BY DISTRICT

<u>BOX 1</u> CITY	66
<u>BOX 2</u> CITY	135
<u>BOX 3</u> CITY	33
CITY TOTAL	234
<u>BOX 1</u> RURAL	58
<u>BOX 2</u> RURAL	41
<u>BOX 3</u> RURAL	51
RURAL TOTAL	150
<u>AMA</u> Automatic Aid	39
<u>MUA</u> Mutual Aid	<u>11</u>
TOTAL	434

INCIDENT RESPONSE TIMES

Alarm time to arrival time

<u>0 – 5 min</u>	<u>6 – 10 min</u>	<u>11 – 15 min</u>	<u>16+ min</u>	<u>Avg. Response min</u>
189	176	59	10	6min 56 sec

DOLLAR LOSS BY DISTRICT

BOX 1	Rte. 60 & South	11,000
BOX 2	I64 & South to Rt. 60	31,000
BOX 3	North of I64	<u>178,900</u>
		220,900

DOLLAR LOSS BY TYPE

Structure Fire	205,000
Vehicle Fire	13,000
Brush Fire	<u>2,900</u>
	220,900

5 YEAR FIRE LOSS

2005	220,900
2004	247,700
2003	298,500
2002	197,650
2001	<u>208,550</u>
Total 5 Year Fire Loss	\$1,173,300
5 Year Average Loss	\$234,660