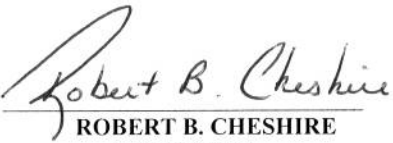


BEECH GROVE FIRE DEPARTMENT 2011 ANNUAL REPORT



**BEECH GROVE FIRE DEPARTMENT
ANNUAL REPORT FOR: 2011**

TOTAL FIRE APPARATUS RESPONSES	2861
MUTUAL AID RECEIVED	270
MUTUAL AID GIVEN	587
TOTAL FIRE LOSS	\$ 1,147,00.00
INJURIES DUE TO FIRE	0
FIRE FATALITIES	0
FIRE INSPECTIONS	64
TOTAL AMBULANCE RESPONSES	2,108
MUTUAL AID RECEIVED	325
MUTUAL AID GIVEN	559
TOTAL TRAINING HOURS	3,378
STATION PREVENTATIVE MAINTENANCE HOURS	156


ROBERT B. CHESHIRE
FIRE CHIEF

Beech Grove Fire Department 2011 Annual Report

In 2011 the Beech Grove Fire Department our fire apparatus responded on a total of 2,861 emergency responses. Our Ambulance responded on 2,108 runs for emergency care.

Maintain current mission and vision statement. The Beech Grove Fire Department must be able to perform:

- *Incident Command, Fire Response, Emergency Medical Services*

Provide:

- *Fire Prevention, Public Education, Inspections, Community Based Firefighting*

Evaluate operational procedures; update current Standard Operating Procedures and Policies focusing on the following.

1. Reduce/Eliminate Firefighter Injury /Death
2. Reduce/Eliminate Civilian Injury/ Death
3. Reduce Property Loss
4. Reduce Environmental Impact on Community

Develop Community Hazard / Risk Assessment: by evaluating target hazards in the community the Beech Grove Fire Department.

Design and implement response matrix by the following categories:

- Property

Construction date, building construction, sprinklers in place, building type, number of stories.

- Life

Population, Community/Social factors, Density

- Critical Infrastructure

Agriculture / Food, Water Supplies, Public Health Resources, Emergency Services.

Evaluate and form Risk Assessment based on Occupancies:

- **High Hazard Occupancies:** Schools, Hospitals, Nursing Homes, Explosive Plants, Refineries, High Rise, High Life Hazards, Large Fire Potential Occupancies
- **Medium Hazard Occupancies :** Apartment Buildings, Offices, Mercantile, Industrial,
- **Low Hazard Occupancies:** 1 or 2 Story Family Dwellings, Small Offices/ Business.

Resources – Evaluate and make changes for emergency preparedness/response bases on risk assessment

Predict Response Outcomes - Limit local environmental and financial impact on the community.

- Determine Community Risk /Verses Staffing Needs
- Establish Performance of Department
- Establish Method of Achieving Goals
- Continuous Organizational Improvement

In 2011 the fire department experienced no injuries or fatalities as a result of fire, and our firefighter had no fire ground injuries.

2011 Beech Grove Fire Department Major Fires by Dollar Loss

Date	Incident Property	Dollar Loss	Cause of Ignition
6-Jun-11	Amtrak	\$1,000,000.00	Accidental
1-Aug-11	Residential	\$50,000.00	Intentional
6-Aug-11	Apartment Complex	\$27,000.00	Accidental/Cooking
16-Nov-11	Beech Grove Parks	\$25,000.00	Intentional/Arson
1-Feb-11	Residential Garage	\$20,000.00	Accidental
26-Oct-11	Residential	\$20,000.00	Intentional
21-Oct-11	Residential Apartment	\$5,000.00	Accidental
		\$1,147,000.00	

Emergency Medical Services

In 2011 we continued to have issues concerning our main ambulance Medic 102. This vehicle was purchased through a bond issue in 2006. We have encountered major issues with the drive train. The modular portion or the "box" of this vehicle provides the area for patient care and is in good shape. The issue is with the Ford 6.3 liter engine and transmission. In previous administrations, Ford engineers took possession of the vehicle and found the root cause as engine failure. Ford provided an extended warranty for this vehicle that expires this year. Without this extended warranty, this vehicle will be an extreme burden on the taxpayers of Beech Grove to maintain. It is in the best interest of the City to re-chassis this apparatus with a Ford E-450 V-10 Gas Engine, which would save considerable time and finances.

In September 2011 our ambulance billing rates were increased off set the cost of providing emergency pre-hospital care. Civilian Paramedic Program was re instituted in December 2011

Maintain Affiliation with IU Health (Clarian/Methodist Hospital)

Change Primary Care Reporting from Medusa Technology to ESO for Patient Care Reporting.

Continue with Ambulance Billing with Med-Bill

Hire additional Civilian EMS personnel for our Ambulance.

Maintain CAAS Accreditation, on site visit projected July 31, 2012.

Plan and prepare Mass Casualty incident with Beech Grove City Schools.

Ensure all members receive mandated yearly training on Infectious Control.

All employees educated on Blood Borne Pathogens and Respiratory Illnesses.

Update and revise Pandemic and Flu policies for the City of Beech Grove.

Ambulances

- **Medic 101** Age: 12 Six years front line / six years reserve.

Current Condition: Poor Chassis needs immediate replacement.

Recommend: Remount of chassis, with remount estimated life 5-7 yrs. Budget replacement cycles for Ambulances.

2011 Total maintenance and repair cost \$2,781.28

- **Medic 102** Age 6yrs six years front line status.

Current Condition: Poor Frame bent from previous accident, numerous engine issues.

Recommend: Immediate remount of chassis. Estimated life 5 years front line status. Budget replacement cycles for Ambulances.

2011 Total maintenance and repair cost \$5,373.42

2011 Over \$12,000.00 in warranty work performed on this vehicle.

Fire Apparatus

- **Engine 101** Age: 10 years in-service front line.

Current Condition: Good, prepare for mechanical issues with increase volume of runs.

2011 December Replaced pump impeller/drive shaft.

Cost: \$9023.00

2011 Total maintenance and repair cost \$20,762.45

Recommend replacement within 5 year master plan.

- **Engine 102** Age: 15 years in-service front line.

Current Condition: Totaled, off frame rebuilt 2010 Numerous electrical and other mechanical issues.

Recommend: Emergency Purchase for apparatus replacement.

2011 Total maintenance and repair cost \$30,077.67

- **Engine 103 (Reserve)** Age: 25 yrs. Fifteen years front line/ten reserve.

Current Condition: Out-lived service life/ life safety risk to firefighters and citizens responding in antiquated equipment. **Recommend to take out of service immediately with emergency purchase and place current Engine 102 in reserve status**

Continue with PM Scheduled maintenance.

Continue to become more fiscally responsible with Vendor Purchasing/Supply.

Scene Operations / Safety

Reflective striping needs placed on the rear of the following vehicles. This will increase the visibility of the apparatus.

- Medic 102
- Medic 101
- Battalion 15

Research cost to purchase In-dash cameras for responding apparatus. This would provide check and balances for firefighter and civilian safety.

Safe Apparatus response is a priority for our department.

Incident Management

The Beech Grove Fire Department must be able to provide Incident Management of all Emergencies. With the influx of new officers, hands on practical training is a must.

Educate Incident Commanders on interior fire attack on disposable houses. Our lives are not disposable.

Provide a competent, well trained Incident Commander for all emergencies.

INSPECTION/FIRE PREVENTION REPORT

FIRE INSPECTIONS	42
HAZARDOUS MATERIALS INSPECTIONS	2
VIOLATIONS CITED	88

RESIDENTIAL SMOKE DETECTOR INSPECTIONS	30
SMOKE DETECTORS INSTALLED	0
SPECIAL PERMITS ISSUED	48

Training

Develop Master training Plan for 2012.

Define Set Goals for Fire and EMS training.

Seek and attend outside educational opportunities.

Provide facilities for educational training at Hornet Park and Beech Grove High School Training Academy.

Conduct live fire and tower training.

Mandate Upper Level Officer Development Training.

Battalions/Chief Officers complete NIMS 400 Training.

Encourage Battalion Chiefs to participate in on-site National Fire Academy Courses.

Send new firefighters to recruit class.

Review OSHA 300 logs, identify any hazards in the workplace and provide education to employees.

Hazardous Materials

Conduct Company Level Walk-through's.

Conduct mandated Haz-Mat training, update on Haz-Mat awareness/operations level.

Update and Maintain listing for Underground Storage Tanks.

Maintain and inspect removal of any underground storage tanks.

Facilities

Goal: Make financially sound investment in our own infrastructure to improve the quality of life and improve living conditions for our employees.

Station 101

Needs immediate roof replacement.

Building Structure: Lentils supporting facade North side needs immediate attention. Address concerns with south side of structure.

Replace or upgrade Kitchen, Garland or Vulcan Commercial gas range.

Concrete work needed front and rear pad.

Diesel fuel tank: Needs secure locking system from theft. Address concern to maintain fuel services in-case of man-made or natural disaster.

Address storage issues to free additional space at both stations.

Address living space at station for work-out room.

Address duplication of City Services. Important to have nice looking facilities/ delegate grass cutting for Police and Fire Stations by City

Station 102

Address repair of roof.

Replace HVAC in the living area.

Mattresses needs replaced.

Replace and or up-date kitchen, cabinets. Garland or Vulcan commercial gas range.

Address duplication of City Services. Important to have nice looking facilities/ delegate grass cutting for Police and Fire Stations by City.

Address living space at station for possible expansion.

Fire Investigations

All Fires will be initially Investigated by Beech Grove Fire Department.

Attend quarterly Marion County Arson Investigation Task Force Meetings.

Maintain working relation with I.F.D/ I.M.P.D Arson for suspicious fires due to their resources available.

Health and Wellness

Maintain current Health Physicals with Public Safety Medical.

Continue course to start Incumbent Performance Fitness Evaluation (PFE) Implement return to work Policy with PFE.

Implement wellness program, mandate physical fitness program for all employees. Incorporate physical fitness workout in daily activities.

Protective Clothing

In December 2011 a significant investment of \$48,944.00 was made to replace our current turnout gear. Major improvements are being implemented with changing our vender to Morning Pride. The fire department will be able to inventory and track this new gear through bar coding. Any time the gear is washed or sent for repair, the department will be able to track this usage dedicated on its own computer.

Evaluate SCBA look at new updates. Project replacement date due to cost.

Prevention Program

Utilize two year plan to increase public Education programs within the community.

Focus paradigm shift in Prevention of Fires in the Community.

Re-build relationships with School System. Incorporate the use of the Safety Trailer with off duty personnel.

Continue Middle School CPR.

CPR/AED Training for all City Employees.

Conducted Community Based Firefighting.

Work with property owners of private hydrants for inspection and testing.

Conduct water flow testing for pre-planning and hydrant maintenance during community based firefighting.

Increase the number of Company level Inspections and Pre-planning of High Life Hazards in Beech Grove.

Anticipate and plan for the phasing out of St. Francis Hospital.

Detail outline of Emergency Response to vacated Buildings. Maintain the Life Safety of Firefighters in these abandon structures.

Disaster Preparedness

Update and review City Disaster Plan; Utilize Community Hazard Risk Assessment Plan.

Update Phone Contact List.

Hold CERT Training for Citizens.

Conduct Table-top exercise for newly elected City Officials and Department Heads. Review newly assigned Roles and Responsibilities. Example: Tornado or Natural Disaster where Beech Grove is without outside assistance.