

Town of Berlin

Four Volunteer Fire Departments

- ❖ *Apparatus Replacement*
- ❖ *SCBA Replacement*
- ❖ *Facilities*

Overview & Concerns
2016

2015 Incidents

“ Total Incidents: 654

“ Berlin	473
“ Kensington	469
“ East Berlin	385
“ South Kensington	361

Apparatus Committee

- “ Representation from all 4 Departments
- “ Strategic planning for the next 6 apparatus purchases, over the course of seven years.
- “ Develop one specification for all common items:
 - Chassis
 - Controls
 - Pump

Standardization

“ Inter-operability between Departments

- . Reduced Training Time
- . Driver/Operator Interchangeable
- . Ability to have a Reserve Apparatus

“ Maintenance

- . Mechanic Familiarization
- . Part Stocking

Fire Apparatus Replacement

- “ Retiring 7 pieces of apparatus, and purchasing 6 new apparatus
 - “ Reducing the fleet size by one main truck will result in a savings of \$600,000
- “ Reasons for Replacement
 - “ Age
 - “ Repairs
 - “ Parts Availability
 - “ Technology

Replacement Breakdown Forecast

- ” **2016** – Replacing 2 apparatus
 - * Engine 2
 - * Truck 9
- ” **2019** – Discarding 3 apparatus, and purchasing 2 new apparatus
- ” **2023** – Replacing 2 apparatus

Replacement Pieces

Truck 9



Located at Company #3

1994 E-One

100 foot Aerial Ladder

1. Rebuilt engine
2. Two Rebuilt Transmissions
3. Extensive Suspension work

Engine 2



Located at Company #2

1993 E-One Glider Truck

Motor, Pump and Rear Differential

1975 Mack

Major Electrical Fire in 2013

Manufacturer Criteria

- “ Past history of Manufacturer
- “ Financial Stability
- “ ISO 9001 Certification
- “ In-State Warranty and Repair center
- “ Single-Source Manufacturer
 - . (Builder of Chassis, Cab, Aerial Device and Body)
- “ Product Delivery and Longevity

Proposed Manufacturer

Pierce Manufacturing

- ” Oshkosh Corporation (Parent Company)
 - ” Founded in 1917
 - ” Fortune 500 International Company, Traded on the NYSE
- ” Pierce Manufacturing
 - ” Founded in 1913
 - ” ISO 9001 Certified
 - ” Largest Manufacturer of Fire Apparatus
- ” Firematic Truck Sales (Local Sales & Service)
 - ” Founded in 1961
 - ” Facilities located:
 - Rocky Hill, CT
 - Carmel, NY
 - Bolton, MA.
 - ” In-house Sales and Service For Pierce Fire Apparatus

Next Step....

Council Approval needed for:

- “ Replacement Plan
- “ Manufacturer
- “ Bond Authorization
- “ Awarding Contract for first 2 apparatus replacements

SCBA Committee

- ” Made up of Officers from all four Companies
- ” Research Conducted includes:
 - Manufacturers
 - Models
 - Vendors
 - Service
- ” Current Inventory reviewed
- ” Strategic planning for Future Needs/Demands

SCBA Replacement



- “ SCBA is mandated under OSHA, NIOSH, and NFPA 1852 (2013)
- “ Replacement of the standard is conducted:
 - Every 20 years
 - After 2 revisions
- “ The expiration period for the cylinders and packs is 2016/2017.

SCBA Replacement (cont'd)

- “ Proposed reduction of SCBA Equipment between 11-15 pieces
- “ Reduction of SCBA cylinders from 280 down to 212
 - this is due to the change in procedural operations
- “ Researching the purchase of new vs. re-conditioning our current units
- “ Estimated cost is \$750,000 – this committee will have their research completed by the end of February 2016 with a more accurate estimated cost.

Facilities – East Berlin, Berlin and Kensington



- “ **Privately Owned: Berlin, Kensington & East Berlin**
- “ **Berlin Parking lot – Publicly owned**
- “ **East Berlin and Kensington still have Mortgages**
- “ **Primary Funding for Maintenance comes from Donations**



South Kensington Fire Department
1952 Chamberlin Hwy, Berlin CT

Publicly Owned

Fire House Uses

- “ Primary place of business for fire rescue and services (including training & fire equipment)
- “ Radio equipment locations for Police, Fire & Public Works:
 - Repeaters
 - Microwaves
 - Backup dispatch
- “ Primary E.O.C
- “ Place of refuge for the Police Department
- “ Training Classroom used by Fire, Police, DEEP, CSP & other Town Departments

Sources of Funding

” Berlin, Kensington & East Berlin have 3 primary fund sources:

1. Municipal Budget
2. Town donations (flyer)
3. Fundraisers (Berlin Fair & Santa's Express)

Berlin Fire Department

Past Maintenance

- ” Replace 20 year old RTU
- ” Replace upstairs floor
- ” Security Systems (Locks & Cameras)
- ” Computer System Upgrade
- ” Finish Parking lot
- ” 9/11 Memorial

Future Maintenance

- ” Replace Boiler
- ” Remodel downstairs
- ” Replace Roof
- ” Fallen Firefighters Memorial

East Berlin Fire Dept.

Past Maintenance

- “ Shingle Mansard on Main Building & Back Building
- “ Replace Roof
- “ Replace 4 RTU's
- “ Replace Upstairs floor
- “ Patch Parking lot
- “ Replace security system & locks

Future Maintenance

- “ Upgrade to Energy Efficient lighting
- “ Remodel Conference & Training Rooms
- “ Replace Furniture

Kensington Fire Dept

Past Maintenance

- ” Replace Roof
- ” Gutter Guards & Downspouts
- ” A/C Condenser
- ” Exterior Lighting
- ” Install eye centers and upgrade all door sensors
- ” Replace Boiler

Future Maintenance

- ” Replace driveway
- ” Re-surface apparatus bay floors
- ” Painting apparatus bay walls
- ” Design & Build Classroom

South Kensington Fire Dept

Past Maintenance

- “ Replace double doors (upstairs)
- “ A/C downstairs
- “ Repair/replace control box for PD Radio and Radio tower
- “ Replace Garage doors
- “ Replace 2nd floor boiler

Future Maintenance

- “ Roof Design (2016/2017 – planned review)
- “ Building Modification Design (2016/2017 – Planned review)
- “ Roof Replacement (2017/2018)

**These 3 items total \$325,000 in future budgets **

Kensington Fire Department – Boiler Replacement

- “ Kensington paid \$14,000 upfront and is financing \$19,571.04 over the course of 4 years.
- “ Kensington is looking for the town to pay their monthly fee for the next 4 years of \$407.43
- “ This particular type of assistance that Kensington is looking for has been given to East Berlin and Berlin in the past 7 years.

New Training Tower Proposal



(Click the picture to view the slideshow)

Features

- 3 - 40' Containers
- 6 - 20' Containers
- 7 - Std Doors
- 2 - Burn Doors
- 1 - 7'x10' Garage Door
- 4 - Std Windows
- 2 - Burn Windows
- 1 - 1st Floor Burn Room
- 1 - 2nd Floor Burn Room
- 1 - Garage Sim W/Rafter Sim
- 1 - (5) Section Viewing Maze
- 1 - High Wall Maze
- 2 - Internal Staircase
- 2 - 36x36 Drywall Poke-Outs
- 3 - Roof Chop-Outs
- 2 - Drop-Down Ladder
- 1 - Denver Drill
- 1 - Wireless RTD System
- 1 - 20'wx24'lx35'h Tower
- 2 - Rappel Anchors

New Training Tower Proposal (cont'd)

- ” In the purchase of the Berlin Fire Department parking lot, was also the proposal of the future site of a training tower for the Town.
- ” Obtain Council approval for project
- ” Obtain a Zoning Referral from Council
- ” Obtain support for this facility

** Currently looking for alternative funding for this facility **

Berlin Fire Dept - Tower

- “ Primary Radio & Microwave Tower for Fire, Police & Public Works

- “ Funding brought in from the tower, is used as follows:
 - Annual inspection
 - Catastrophic insurance
 - Parking lot construction & maintenance
 - Donations

Other Committees

” Training

- . Coordination of Town Wide Training
- . Development of Performance Based Standards
- . Computerized Training

” One Chief

- . Feasibility of a Town wide Fire Chief
- . Development of a Business Plan for a One Chief system