City of Birmingham
A Walkable Community

MEMORANDUM

Fire Department

DATE: **January 6, 2015**

TO: **Joseph A. Valentine, City Manager**

FROM: **Michael P. Metz, Fire Chief**

SUBJECT: **2015 Long Range Planning – Chesterfield Fire Station**

At this time the Chesterfield Fire Station, built in 1955, is budgeted to be replaced in 2016. With the replacement of the Chesterfield Station becoming close, it is time to start making some decisions regarding the construction phase of the project. Initial decisions that will need to be made include:

- Where on the property to build the new station (east or west side)?
- Will firefighters remain on site or be relocated during construction?

Feedback received from the Commissioners will assist us with the preliminary planning phase of the project.

The Fire Department will be presenting a brief Power Point presentation during the 2015 Long Range Planning meeting. This presentation will discuss the above questions in more detail and offer the Commissioners an opportunity to ask questions.

BIRMINGHAM FIRE DEPARTMENT

CHESTERFIELD FIRE STATION

LONG RANGE PLANNING

JANUARY 31, 2015

CHESTERFIELD FIRE STATION

OVERVIEW

- Year Built: 1955
- Single story, built on a concrete slab
- Existing building is 5,185 square feet
- Station currently houses 2 firefighters and 1 in service engine

Chesterfield Fire Station

COST ESTIMATE

2015 construction cost approx. $200.00 sq. ft. to include:

- Site work: parking lot, utilities, sidewalks, grass & basic landscaping
- Construction
- New driveways

Does not include:

- Furniture (cost yet to be determined)
- Generator (approximately $40,000)
- Demolition (approximately $28,000)
- LEED Certification (starting at $35,000)

CURRENT NEEDS

Additional space needed to accommodate:

- Larger fire trucks (apparatus floor area)
- Additional equipment
- General storage
- Male and female accommodations

BUILDING PRE-PLAN CONSIDERATIONS

Three possible options include:

- Build on existing site (west side of property), use temporary housing for personnel & equipment during construction
- Build on existing site (west side of property), relocate crews to Adams during construction
- Build on East side of property, respond from existing building (may or may not be an option depending on new building design/size)

EXISTING SITE W/ TEMPORARY HOUSING

Pro's

- Would allow emergency response from current location during construction
- Property is large enough for temporary housing

Con's

- Cost of trailer housing $45,000 for nine months

  Trailer Includes: heating, furniture, water & sanitary
- Cost to house one engine $55,000 (you own structure)
- Temporary pad for fire truck approximately $12,000
- Estimated total cost approximately $112,000

EXISTING SITE – RELOCATE FIREFIGHTERS

Relocate crews to Adams Station temporarily

Pro's

- Save cost of temporary housing for firefighters

Con's

- Longer response times to west side of town during construction

EMERGENCY RESPONSES

2014 Run Volume = 2,078 incidents

- Medical incidents = 1,092 (52%)
- Fires = 37 (2%)
- False alarms, & other incidents = 949 (46%)
- Average response time = 3 ½ minutes (from FD notification until arrival on scene)

BUILD EAST OF EXISTING STATION (IF POSSIBLE)

Pro's

- Crews live and respond from current building
- Cost savings (amount to be determined)
- Could house fire engine and equipment

Con's

- Conflicts with existing building
- Size limitations

NEXT STEPS

1. Design Bid

- Prepare an RFP
- Hire an architect with experience in designing fire stations

2. Construction Bid

- Prepare a construction contractor RFP
- Hire a building contractor