WELCOME!

Franklin Regional School District
Town Hall Meeting

January 12, 2017

Updated – 1/16/17
Summary of Study Process

• June 2016 – Board approved a Facilities Study and a Demographics Analysis

• FR buildings originally constructed 1928-1969- Approximately 700,000 sf

• September 2016 - Town Hall Meeting to review facilities study process
Summary of Existing Facility Conditions

• Identified condition levels 1 (Immediate), 2 (Within-5 years), and 3 (5-10 years)

• Level 1 and level 2 conditions (0-5 years) – $73 - $97 Million

• Requesting community feedback for each building
HIGH SCHOOL

Approximately $27 million of maintenance related repairs will be needed over next five years (levels 1 and 2)

• Boilers and heating systems are at end of life

• Chillers and cooling systems are at end of life

• Piping corrosion exists

• Electrical Distribution system is nearing end of life
HIGH SCHOOL (continued)

- Driveways, parking lots, sidewalks need repair and do not adequately address building accessibility.

- Roof is significantly blistered and nearing end of useful life.
HIGH SCHOOL (continued)

- Specialized classrooms (science, art & music) are inadequate
MIDDLE SCHOOL
Approximately $16 million of maintenance related repairs will be needed over next five years (levels 1 and 2)

• Mechanical units throughout are at end of life

• Domestic hot water systems are at end of life

• Electrical service & distribution systems are at end of life
MIDDLE SCHOOL (continued)

- Kitchen equipment is near end of useful life
- Majority of roof is at or beyond useful life
MIDDLE SCHOOL (continued)

- Pool equipment is in need of immediate repair

- Specialized classrooms (like science) are inadequate
HERITAGE ELEMENTARY SCHOOL

Approximately $12 million of maintenance related repairs will be needed over next five years (levels 1 and 2)

- Mechanical units throughout are at end of life
- Domestic hot water systems are at end of life
- Piping corrosion exists
HERITAGE ELEMENTARY SCHOOL (continued)

- Humidity issues in basement
- Exterior masonry issues
HERITAGE ELEMENTARY SCHOOL (continued)

• Inadequate restrooms for an elementary school

• Inadequate site traffic circulation

• Former Locker Rooms used for Instruction & Storage

• Driveways, parking lots, sidewalks need repair and do not adequately address building accessibility
NEWLONSBURG ELEMENTARY SCHOOL

Approximately $4 million of maintenance related repairs will be needed over next five years (levels 1 and 2)

• Boilers and heating system are at end of life

• Mechanical units throughout are at end of life

• Sanitary sewers are beyond useful life

• Electrical service & distribution systems are at end of life
SLOAN ELEMENTARY SCHOOL

Approximately $9 million of maintenance related repairs will be needed over next five years (levels 1 and 2)

• Boilers and heating system are at end of life

• Mechanical units throughout are at end of life

• Portions of electrical distribution system are at end of life
SLOAN ELEMENTARY SCHOOL (continued)

- Driveways, parking lots, sidewalks need repair and do not adequately address building accessibility

- Portions of roof are at or near end of life

- Corridor Flooring Cracking & Shrinkage
STADIUM FACILITIES & ATHLETIC FIELDS

Approximately $6 million of maintenance related repairs will be needed over next five years (levels 1 and 2)

- Synthetic turf is near the end of life
- Track surfacing is near end of life
- Locker rooms are inadequate
- Concession stands are inadequate
Executive Summary of Existing Conditions

- Over the next five years between $73 and $97 million of repair work will be needed just to maintain the five existing schools and stadium facilities.

- Maintaining Status Quo does not offer anything more than what we currently have. Does not address:
  - Facility improvements to support current and evolving educational programs,
  - Additional building systems and equipment that will be moving into levels 1 & 2,
  - Status quo costs approach 60% (or more) of the cost for a major renovation,
  - Recent demographic study shows a growing elementary school population.
## Back-Up/Supplemental Data & Information

### Summary of Roof Conditions

Information based Existing Roof Assessment dated October 2016 prepared by The Garland Company, Inc.

<table>
<thead>
<tr>
<th>School</th>
<th>Roof</th>
<th>Age</th>
<th>Leakage</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heritage Elementary</td>
<td>Garland Modified Bitumen</td>
<td>6 years</td>
<td>No</td>
<td>Excellent</td>
</tr>
</tbody>
</table>
| Hickman                 | Built Up Roof (BUR)           | 7 years | Yes     | Fair  
  • Repairs Needed             |
| Newlonsburg Elementary  | Entire Building Modified Bitumen | 19 years | No      | Good  
  • Repair Needed             |
| Sloan Elementary        | EPDM Fully Adhered EPDM (Gym Roof Ballasted) | 22 years | No      | Good  
  • Repair Needed  
  • Portion of roof above gym needs immediate replacement |
| Middle School           | Hickman Built Up Roof (BUR)  | 8 years | No      | Good  
  • Repairs Needed             |
| Canopy                  | Built Up Roof (BUR)           | Unknown| Yes     | Poor  
  • Replacement Needed         |
| EPDM                    | Fully Adhered EPDM            | Unknown| No      | Poor  
  • Replacement Needed         |
| Garland                 | Modified Bitumen              | Unknown| No      | Excellent                        |
| Hickman                 | Built Up Roof (BUR)           | Unknown| Yes     | Fair  
  • Repairs Needed             |
| Old EPDM                | Fully Adhered                 | 24 years| No      | Fair  
  • Repairs Needed             |
| Senior High School      | Entire Building Modified Bitumen | 17 years | Yes     | Poor  
  • Repairs Needed             |
| IT Building             | Entire Building Modified Bitumen | 6 years | No      | Excellent                        |
Summary of Interior Conditions
Information based on Existing Facility (HVAC, Plumbing & Electrical) Assessments dated November 2016 prepared by Tower Engineering, Inc.

Heritage
1. Electrical distribution equipment 30 years old - life expectancy 30-40 years.
2. Emergency power system 30 years old – life expectancy 30-40 years.
4. Paging/intercom system 30 years old – life expectancy 20 years.
5. Boilers are 29 years old. At end of useful life.
6. Boiler pumps are 17 years old – life expectancy 20 years.
7. Central cooling plant 17 years old – life expectancy 22 years.
8. Terminal equipment 17 years old. At end of useful life.
9. Domestic hot water system 34 years old. At end of its life expectancy.
10. Storm distribution 60 years old - needs video scoped to assess.
11. Sanitary distribution 30 years old – needs video scoped to assess.

Senior High
2. Two of three boilers are 29 years old – approaching end of life expectancy. Boiler pumps should be replaced within 5 years.
3. Central cooling plant 20 years old – approaching end of life expectancy.
4. Terminal unit ventilators 20 years old – approaching end of life expectancy.
5. Storm and sanitary sewer piping sections 50 years old – needs video scoped to assess.

Sloan
1. Some electrical branch panelboards 44 years old – life expectancy 30-40 years.
2. Boilers and pumps are 23 years old and have about 5 years of serviceable life remaining.
3. Rooftop cooling units (eight) are 23 years old are in poor condition and beyond their useful serviceable life.
4. Terminal units and exhaust fans are 23 years old – expected life expectancy of 28 years.
5. Domestic water heating equipment is corroded and needs replaced.
6. Storm and sanitary piping systems 50 years old – needs video scoped to assess.

Middle School
1. Some electrical panelboards are 44 years old – life expectancy of 30-40 years.
2. Emergency power system is 44 years old – life expectancy of 35-40 years.
3. Most branch circuiting and receptacles are 44 years old and are past life expectancy.
5. Rooftop cooling units 24 years old – beyond its useful life.
7. Storm and sanitary sewer piping sections 50 years old – needs video scoped to assess.
8. Swimming pool heat exchanger is – (NEED INFORMATION ADDED).
9. Swimming pool ventilation equipment is - (NEED INFORMATION ADDED).
10. Swimming pool equipment is - (NEED INFORMATION ON OTHER EQUIPMENT ITEMS).

Newlonsburg
1. The branch panelboards installed in the 1960’s are beyond anticipated life.
2. Boilers were installed in 1997 (20 years old) but have a large amount of rust on them and do not appear to be in good condition. Same for pumps.
3. Terminal equipment in the classrooms, corridors and heater for the gym 20 years old and approaching end of useful life.
4. Storm system and sanitary piping 50 years old and approaching end of life expectancy.
Benchmarking Facilities – South Fayette Intermediate School

STEAM Studios and Gymnasium
Benchmarking Facilities – South Fayette Intermediate School

Environmental Classrooms, Rooftop Garden, Cafeteria, Playground
Benchmarking Facilities – Freedom Primary School

Library/Media Center, Kid-Friendly Community Spaces, and Classrooms
Benchmarking Facilities – Pine-Richland Upper Elementary

Multi-Purpose Auditorium
Benchmarking Facilities – Moon Area High School

Flexible Large Group Instruction Space    Bright/Flexible Classrooms
Benchmarking Facilities – Moon Area High School

Performing Arts Theater  Natatorium
Benchmarking Facilities – Montour High School

Open Cafeteria and Common Areas   Art Gallery & Technology Ed. Centers
Benchmarking Facilities – Bethel Park High School

Arena Gymnasium

Centralized Science Laboratories & Storage
...Questions & Comments

Thank you for your Participation!