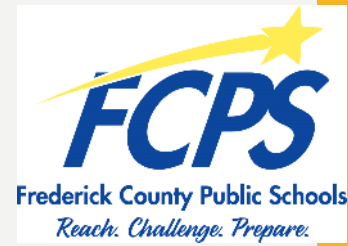


**FCPS BUS FACILITY FEASIBILITY STUDY**



**JULY 7, 2016**

# AGENDA

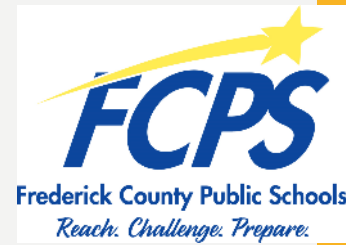


- Welcome and introductions
- Updates on Phase I BOE Presentation on July 13
- Overview of Phase 2
- Discuss opportunities for stakeholder outreach
- Develop rubric for evaluation of candidate sites
- Next steps



# **WELCOME AND INTRODUCTIONS**

# PROJECT TEAM



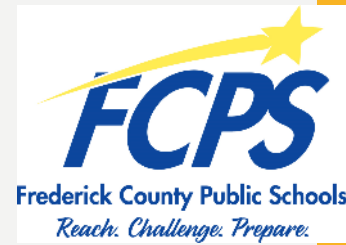
- Holly Nelson, Facilities Planner (Project Manager)
- Tom Buckley, Transportation Manager
- Mark Maggitti, Fleet Manager
- Brad Ahalt, Senior Project Manager (Construction)
- Heather Clabaugh, Construction Accountant
- Amanda Rhoderick, Route Surveyor
- Tiana Haile, Community Engagement Coordinator
- Beth Pasierb, Supervisor of Facilities Planning
- Ruth Biser, Secretary (Facilities Planning)
- Steve Bolling, Bus Driver
- Todd Eudy, Bus Driver




# **UPDATES ON PHASE 1 BOE PRESENTATION**

**JULY 13, 2016, 2 PM**

# PHASE 1 BOE PRESENTATION



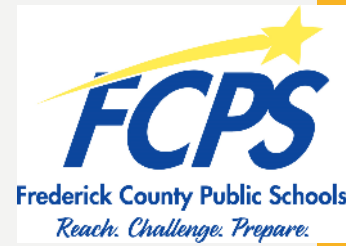
- Scheduled for 2 PM on July 13
  - We are one of the first agenda items
  - Time could be pushed back a little bit if there is a closed session
- 15 minute presentation
- Informational item only but we may get some feedback on directions to take in the second and third phase of the project



# **OVERVIEW OF PHASE 2 – FEASIBILITY PHASE**

**JULY – DECEMBER 2016**

# FEASIBILITY PHASE




- Goal: evaluate the feasibility of potential bus facility locations against the priorities we identified in the first phase of the study
- Priorities
  - Efficiency and Cost Effectiveness
  - Stewardship of Resources
  - Security
  - Health and Safety



# PHASE 2 AND 3 SCHEDULE

Phase	Project Task	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17
2	Develop Rubric for Site Evaluation										
	Investigation of Site Resources										
	Evaluation of Site Resources										
	Engineering Analysis of Top Sites										
	Compile Report on Sites Evaluated (Phase 2)										
3	Development of Solution Scenarios										
	Develop Recommendation										
	Compile Report on Recommendation (Phase 3)										
1, 2, 3	Public/Stakeholder Input										
1, 3	BOE Meetings										



**PHASE 2  
STAKEHOLDER  
OUTREACH**

# OPPORTUNITIES FOR STAKEHOLDER OUTREACH

- August in-service day for bus drivers
- Garage staff meetings
- Public involvement opportunities?



# **DEVELOPMENT OF SITE EVALUATION RUBRIC**

# TEAM PRIORITIES

- Efficiency and cost effectiveness
- Stewardship of resources
- Security
- Health and safety

# FUTURE FACILITY NEEDS (2040)

\*This inventory of spaces could include the existing spaces. The configuration of services will be determined during Phase 2 of the project.

- Building spaces:
  - Bus maintenance – 15 bus repair bays, 2 quick service bays, 2 support vehicle repair bays
  - Parts and tire storage – more than double the existing space
  - Bus wash – 1 wash bay
  - Routing and dispatch
  - Restrooms, showers, break rooms
  - Driver training
- Current transportation facilities are 11,600 square feet – new facility needs to be approximately 48,500 square feet

# FUTURE PARKING NEEDS

\*This inventory of parking could include the existing parking. The configuration of services will be determined during Phase 2 of the project.

- New facility needs to accommodate vehicles visiting the facility for service, Transportation Department staff, visitors, and bus drivers who park at the facility
- Existing facility has only 115 real bus parking spaces and 150 vehicle spaces
- New facility needs to have at least 250 bus parking spaces and 208 vehicle spaces

# SUMMARY

- Approximately 13.5 acres are needed to accommodate the facility and parking needs (current site takes up about 3.5 acres of the Hayward Road Annex parcel)
- During Phase 2 we will think about the configuration of bus services
  - Some of the space and parking needs can be met at the existing facility
  - Add to the existing services at Hayward Road?
  - Provide services in another location?
  - Opportunities for partnerships with other organizations?



# EFFICIENCY AND COST EFFECTIVENESS

Priority	How to measure/compare sites
FCPS bus maintenance facilities will have adequate space for vehicle maintenance and tool storage.	Will be the same from site to site (bay size has been determined).
FCPS will have the capacity to complete routine maintenance and repairs in a cost-effective manner.	Must have a total of 13.5 acres. Individual site must be at least 3.5 acres.
The FCPS bus garage will have adequate capacity for storage of vehicle parts.	Must have total specified in space summary.
FCPS will provide bus facilities and services in geographically efficient locations.	Number of students within a certain radius Access to highways – distance to on ramps, drive time to centroid of feeders Number of bus routes by feeder area (with and without special needs)

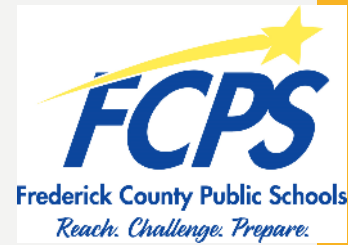
# STEWARDSHIP OF RESOURCES

Priority	How to measure/compare sites
FCPS will provide adequate facilities for vehicle washing to prolong the life of the vehicles.	Would like to have wash bay at each site but if not possible, drive time from each feeder area to the site.
FCPS strives to maintain its building stock and evaluate facilities for replacement on a regular basis.	Same for each site. May evaluate current facility for renovation or replacement.
FCPS plans for facilities to operate at an efficient capacity by monitoring student populations and planning for new facility capacity where necessary.	Additional acreage for expansion in the future.

# SECURITY

Priority	How to measure/compare sites
FCPS will minimize security risks.	Ability to have a fence? Ability to have security cameras? Ability to provide lighting? Number of currently unsecured buses that could be secured.
FCPS will provide adequate fleet vehicle parking.	Provide minimum acreage.

# HEALTH AND SAFETY



Priority	How to measure/compare sites
FCPS will provide equipment to help mechanics perform their jobs efficiently and effectively.	No difference in sites.
FCPS will provide adequate facilities for employee breaks.	Number of employees interested in a break room in that area.
FCPS will comply with environmental codes and regulations.	Cost of SWPPP compliance

# OTHER CRITERIA

## Other criteria to evaluate

Zoned appropriately, not near too much residential zoning, cost to get zoning changed

Access to large roads with capacity for additional traffic

Cost of land, cost to develop (grading, infrastructure, etc)

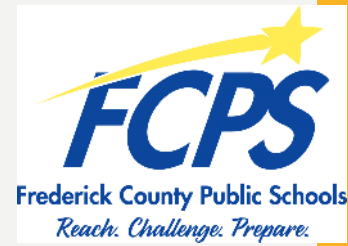
Cost of one site vs. multiple sites

Funding from other sources or partnership with other entities



**NEXT STEPS**

# NEXT STEPS



- July 13, ~ 2 PM Phase I BOE presentation
- July 21 – continue discussion of rubric, plan August outreach
- August 4 – begin discussion of FCPS and other sites