



ONE LESS MOVE

On the move

REFERENDUM UPDATE

PRESENTATION TO BOARD OF EDUCATION 11/17/2016



Construct new PK-5 elementary school on Claremont Road – represents a net gain of 47 classrooms

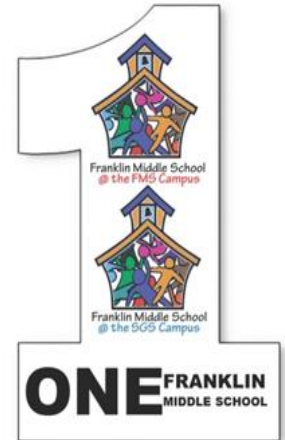
Expand Elizabeth Avenue and Hillcrest Schools and reconfigure to PreK-5 – net gain of 20 classrooms

Space

Expand capacity to address student enrollment growth
Redistrict school boundaries in Fall 2018 when new Claremont Elementary School comes online

Education

Reduce the number of times students change schools
Reconfigure District into three tiers:
PK-5 Elementary School
6-8 Middle School
9-12 High School



Convert Franklin Middle School (7-8) and Sampson G Smith School (5-6) into one Grade 6-8 Middle School operating on two campuses (SGS & FMS)

Operation

Provide capital repairs, renewal work and interior alterations to improve safety, security, energy efficiency and operations

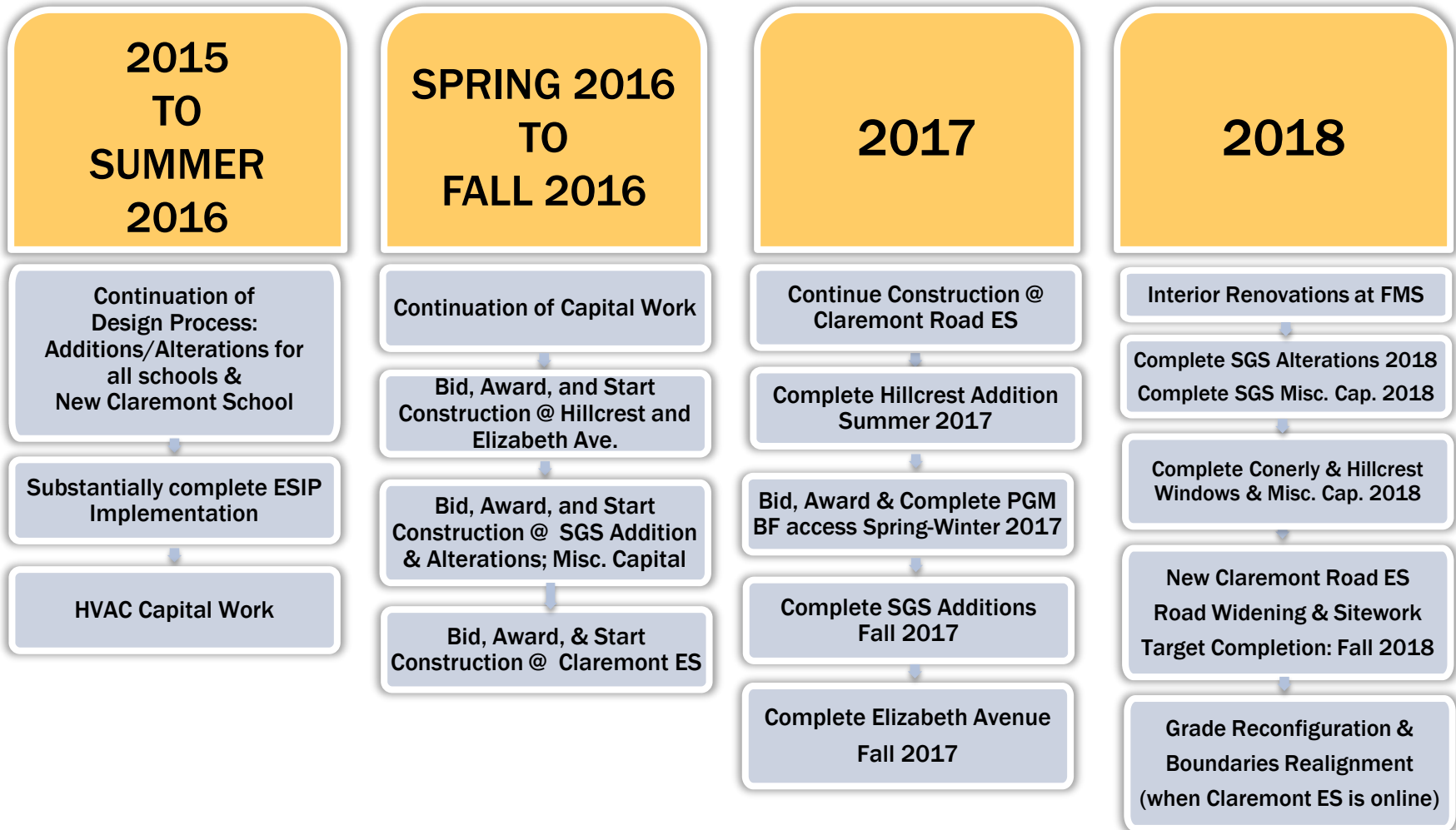
Safety

Eliminate use of trailer units as classrooms

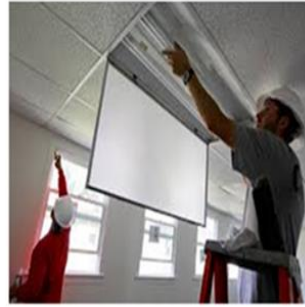
Upgrade and expand SGS with new gymnasium wing front office addition and interior renovations

Student Success

A Plan That Addresses Student Needs



DISTRICT – WIDE



Lighting

Controls



Boiler Room Upgrades

ESIP Scope of Work

FRANKLIN TOWNSHIP PUBLIC SCHOOLS ESIP PROJECT METRICS

PROJECT COST

\$7,569,216

PROJECTED CASH-IN INCENTIVES (VIA REBATES)

\$846,000

PROJECTED ENERGY SAVINGS

**\$441,000
FIRST YEAR**

**\$11,029,938
OVER 20 YEARS**

PERCENTAGE OF COST FUNDED THROUGH ENERGY SAVINGS

100%

TAX IMPACT

\$0

ESIP Work Districtwide

- Team – SSP, Pennoni, and JDC Energy Services
- Value of Work over \$7,500,000
- Scope of Work
 - Boiler Upgrades
 - Lighting Retrofits
 - Control Upgrades
- Contract Awards – Spring 2015
Schedule: Summer 2015 to Fall 2016; Multiple Design Packages

Implementation Schedule

- Boiler Upgrades and close out work nearing completion; new boilers on line by 09/16; related piping and regulator work on line 11/16; target completion is 12/16
- Lighting Retrofits by 12/16 completed and closed out 2/17
- Control Upgrades Complete and closed out.

**Note: Bonding Company has been notified & is helping with closeout & WHL completion*

Capital / Grant Work (Scope in the Referendum)

- Team – SSP, Edwards Engineering, and Pennoni
- Value of Work \$5,100,000
 - New Bleachers @ FMS & SGS
 - Unit Ventilator Work @ SGS
 - New Windows @ SGS
 - New Doors @ SGS & FMS
 - Paving Upgrades & Site Work @ SGS & FMS
 - Toilet Room Renovations @ SGS & FMS

Capital / Grant Work Implementation Schedule

- SGS/FMS Bleachers replacement completed 09/16
- SGS Unit Vents completed 11/16
- SGS Windows target is 09/18
- SGS/FMS Doors target is 09/18
- FMS Paving target is 08/17
- SGS Paving target is 08/18
- SGS/FMS Toilet Renovations target is summer of 2018
- FMS Masonry target is 08/17

Capital Improvement Work



Bleachers @ FMS Main Gym
and Auxiliary Gym



Bleachers @ SGS Main Gym

Capital Work Completed

SGS PROJECT GOALS

Convert SGS from Grades 5-6 Upper ES into Grade 6-8 MS; Provide additions, alterations, and capital repair upgrades to improve operations, energy efficiency, and to support program parity with FMS MS.

PHASING OF WORK

Coordinate implementing work so as to take advantage of summer periods for interior renovations and capital improvements.

Coordinate additions and site work so as to maintain SGS operations and occupancy.

BID, AWARD, & APPROVALS

- Received Bids: 4/13/2016
- Award Contract: 4/18/2016
- Building Permits Received: 6/30/2016

CONSTRUCTION SCHEDULE

- Relocate Kiln: 5/31/16
- Nurse Suite Complete: 12/30/16
- SGI Classrooms Complete: 12/30/16
- Guidance Suite Complete: 12/30/16
- CST Suite Complete: 12/30/16
- Science 402, 404, 406 Complete: 12/30/16
- Stem Classroom 305 Complete: 12/30/16
- Main Office Alteration and Addition: 6/16/17
- Gymnasium Addition Complete: 7/29/17
- Existing Locker Rooms Complete: 8/12/17
- Corridor to New Gym Complete: 8/12/17
- Connection to Addition: 8/12/17
- Substantial Completion: 8/15/17



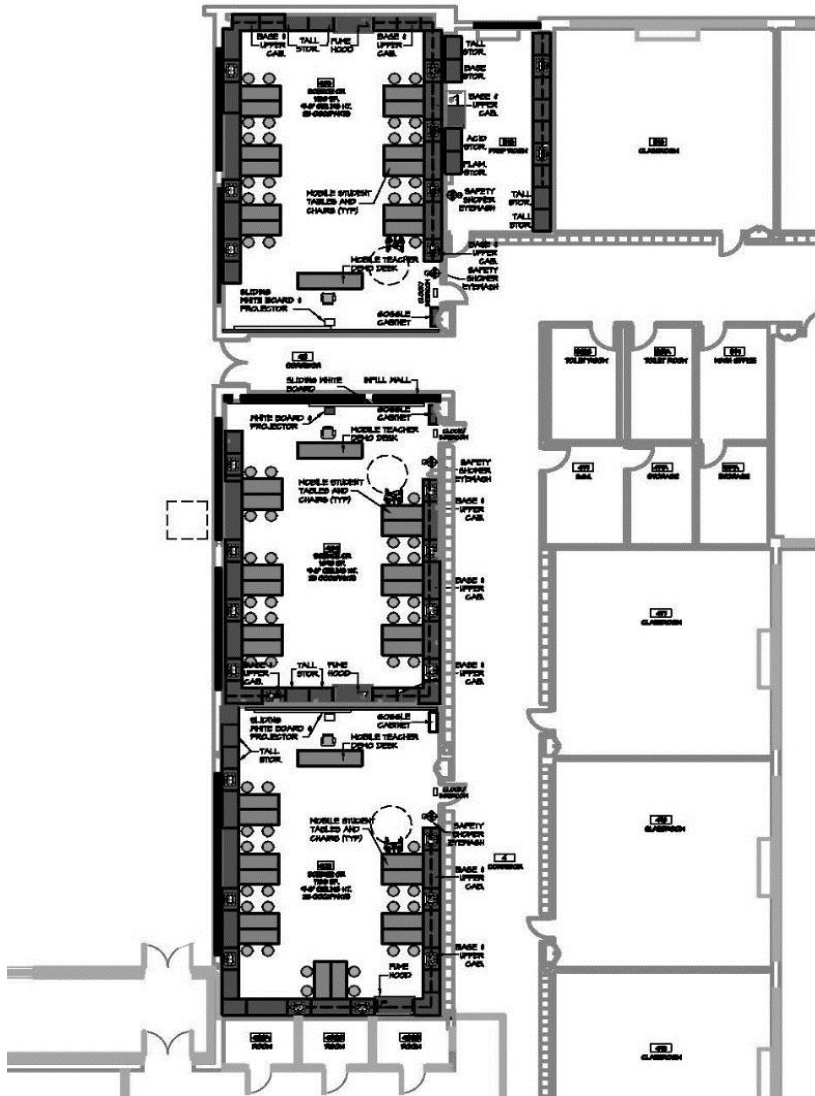












MISSION STATEMENT

To build environmentally friendly, healthy, learning spaces. In a way that is supportive of the school district's academic mission. So that the building will serve as a model of innovative strategies for conserving resources.

SUSTAINABILITY GOALS

- Energy Star 90 (26.9 Kbtu/Sf)
- 50% Water Use Reduction
- 100% Daylighting In Instructional Spaces
- Provide High Indoor Air Quality
 - *Low VOC Materials*
 - *Displacement Ventilation*
 - *Monitor CO₂*
- Maintain High Acoustical Quality of School

BID, AWARD, & APPROVALS

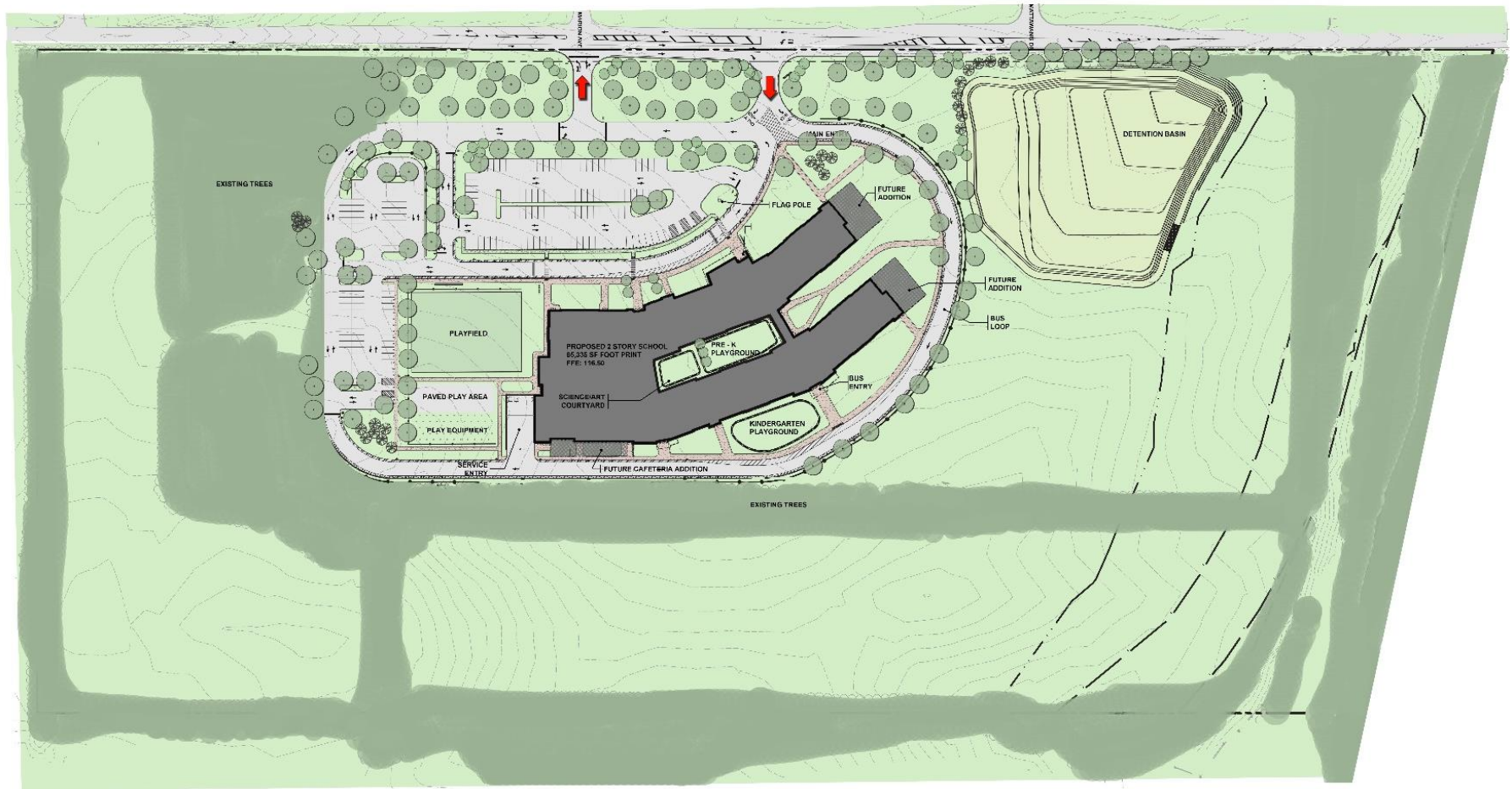
- Received Bids: 9/15/2016
- Award Contract: 9/29/2016
- Building Permits Received: 11/4/2016

CONSTRUCTION SCHEDULE

- Notice of Award: 9/26/16
- Mobilize: 11/1/16
- Start Excavation: 11/15/16
- Complete Foundations: 6/1/17
- Start of Steel: 5/1/17
- Complete Steel: 8/1/17
- Building Enclosure: 1/1/18
- HVAC systems running: 4/1/18
- Commissioning MEP/IT: 6/1/18
- Receive TCO: 8/1/18

Claremont Elementary School

Claremont Road



Sustainable Design to be US Green Building Council's Leadership in Energy and Environmental Design (USGBC LEED) certified

New PreK-5 Elementary School located on BOE Claremont Road property with target FES capacity of 940-1,040 (based on 6cr/grade plus 2 PK, 3 PKSE, and 9 SE CRs = Total 50 CRs)

UPDATED Site Plan

Claremont Elementary School

New PK-5
Elementary
School with
50 CRs & a
targeted
capacity of
940-1,040
FES



2nd Floor

1st Floor

Claremont Elementary School



Main Entrance

Claremont Elementary School



Claremont Elementary School

Site Work Underway – clearing, grading, earthwork, and foundation prep



