STATE COLLEGE AREA HIGH SCHOOL
60% Progress Report
4/22/2015

Agenda:
Welcome
Overview
Estimate Update
Feedback Received
Breakout Sessions
Process

- **Pre-Schematic Design (Referendum Phase)**
  - Budget Developed
- **Schematic Design (30%)**
  - 1\textsuperscript{st} estimate
- **Design Development (60%)**
  - 2\textsuperscript{nd} estimate
- **Contract Documents (90%)**
  - Final estimate
- **Bid**
- **Construction**
Refinements
Parking
Access/Deliveries
Bus
Accessibility
Grading / Utilities
Traffic
Landscaping
Plaza Concepts
Site Design
The attached represents the Design Development Program Document as approved by the State College Area School District. This document supercedes the program document as developed by Amy Yurko of BrainSpaces for the Schematic Design Submission dated August 28, 2014.

### Detailed Program of Spaces

#### Space Program Summary

| Project No. 2787 | 1/29/2015 |

<table>
<thead>
<tr>
<th>Referendum Area</th>
<th>30% SD Program</th>
<th>3-29-15 Program</th>
</tr>
</thead>
</table>

| 1.0 9th Grade Learning Community | 24,840 | 25,696 | 23,588 |
| 2.0 Arts & Humanities | 23,140 | 22,876 | 21,632 |
| 3.0 Business & Communications LC | 27,640 | 27,289 | 26,208 |
| 4.0 Health & Human Services | 33,260 | 29,779 | 34,356 |
| 5.0 S.T.E.M. Learning Community | 47,720 | 46,450 | 47,556 |
| 6.0 Specialty Programs | 16,750 | 18,195 | 26,025 |
| 7.0 Visual & Performing Arts | 29,300 | 29,652 | 33,558 |
| 8.0 Library, LE & Technology | 16,600 | 18,515 | 16,431 |
| 9.0 Phys. Ed, Health & Athletics | 77,800 | 79,104 | 62,381 |
| 10.0 Admin & Student Services | 9,650 | 13,852 | 14,288 |
| 11.0 Student Commons / Dining | 24,400 | 37,321 | 23,840 |
| 12.0 Building Services | 4,800 | 2,817 | 4,334 |
| 13.0 Delta Program | 14,000 | 30,230 | 37,005 |
| **Totals** | **349,900** | **381,776** | **371,202** |

<table>
<thead>
<tr>
<th>Gross Building Area</th>
<th>588,500</th>
<th>619,900</th>
<th>613,549</th>
</tr>
</thead>
</table>

- South
  - 481,000
  - 490,000
  - 485,000

- North
  - 107,500
  - 129,000
  - 128,549

| Gross Area Increase | 31,400 | (6,351) |

| Alternates | 26,544 |

- Physical Education and Athletic spaces under consideration by Board
- Performing Arts spaces in redesign
- 3 months of Listening and Meeting with SCASD Staff
Building Design

Program Adjacencies

Constructability
Building Design
Building Design

Design Development
- Building Organization
- Constructability/Code

Program Deficiencies (South)
- Art
- Performing Arts
- Culinary
- Networking Lab
- Health/Nursing Lab

30% Floor Plan

60% Floor Plan
60% FLOOR PLAN

APRIL 2\textsuperscript{ND} DESIGN
• Based upon Booster Letters forwarded to CRA

Post APRIL 2\textsuperscript{ND} DESIGN
• Based upon input from April 2\textsuperscript{nd} Design Meeting with Performing Arts
• Presented to CAC/ Board Subcommittee on April 8th
POST APRIL 2\textsuperscript{ND} DESIGN

- Current Organization of Spaces were based upon April 8, 2015 meeting with Performing Arts.
  - Final Review with Performing Arts will occur after review and discussion with School Board.

- Current Design is a 6,900 Square Foot increase from the Original Educational Plan

- The Square Footage breakdown is provided on the following slide in an itemized breakdown of spaces.

- 4,900 Square Feet of the increase is in the Stage and Miscellaneous Support Storage.
  - Costume Storage/ Shop
  - Instrument Storage
  - Uniform Storage
PHYSICAL EDUCATION OVERALL PLAN

- Auxiliary Gymnasium
- Fitness Center
- Courtyard
- Storage
- Office
- Training Room

OPEN TO BELOW
BLACK BOX BELOW
BELOW

MAIN LOBBY
RECEPTION
BALCONY
FACILITIES

2.01
### Comparison of Independent 60% Cost estimates

<table>
<thead>
<tr>
<th></th>
<th>Crabtree Rohrbaugh</th>
<th>Massaro</th>
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</thead>
<tbody>
<tr>
<td>South*</td>
<td>$90,636,007.00</td>
<td>$101,235,000.00</td>
</tr>
<tr>
<td>North*</td>
<td>$15,439,133.00</td>
<td>$15,768,000.00</td>
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<tr>
<td>Total construction</td>
<td>$106,075,140.00</td>
<td>$117,003,000.00</td>
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<tr>
<td>Soft costs</td>
<td>$18,230,721.00</td>
<td>$18,230,721.00</td>
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<tr>
<td>Total Project cost</td>
<td>$124,305,861.00</td>
<td>$135,233,721.00</td>
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<tr>
<td>Grant (received)</td>
<td>$2,000,000.00</td>
<td>$2,000,000.00</td>
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<tr>
<td>Grant (projected)</td>
<td>$2,000,000.00</td>
<td>$2,000,000.00</td>
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<tr>
<td><strong>SCASD cost</strong></td>
<td>$120,305,861.00</td>
<td>$131,233,721.00</td>
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<thead>
<tr>
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<tbody>
<tr>
<td>Mid-level Delta cost</td>
<td>$5,786,970.00</td>
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<tr>
<td>Referendum Budget</td>
<td>$115,000,000.00</td>
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<tr>
<td>Base project cost estimate</td>
<td>$114,518,891.00</td>
<td>$125,446,751.00</td>
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</table>

% over/under to Referendum budget

- -0.42% 9.08%

* includes LEED Gold features identified in grant application

** does not include PlanCon reimbursement
**Phasing**

**Phase 1.1 - June 2015 - August 2015**
*Site Setup, Abatement, Demolition, Permanent Busway & Parking Established*

<table>
<thead>
<tr>
<th>Parking Changes</th>
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<tbody>
<tr>
<td>South Building Parking Lots Prepped for Construction</td>
</tr>
<tr>
<td>Parking Spaces Lost</td>
</tr>
<tr>
<td>-35 Spaces</td>
</tr>
<tr>
<td>Temporary Parking Lots Under Construction</td>
</tr>
<tr>
<td>Permanent Parking Lot Under Construction</td>
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<table>
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<tr>
<th>Classroom Changes</th>
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<tbody>
<tr>
<td>Partial Demolition South Building</td>
</tr>
<tr>
<td>Program Space Lost</td>
</tr>
<tr>
<td>Program Space Added</td>
</tr>
<tr>
<td>= 17 Classrooms</td>
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**Phase 1.2 - September 2015 - January 2017**
*Construction of 4 Education Units and Mechanical Room of New Building & Renovation of Kitchen*

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>South Building Parking Lots Demolished</td>
</tr>
<tr>
<td>Parking Spaces Lost</td>
</tr>
<tr>
<td>298 Spaces</td>
</tr>
<tr>
<td>Temporary Parking Lots Constructed</td>
</tr>
<tr>
<td>Parking Spaces Provided</td>
</tr>
<tr>
<td>+ 50 Spaces</td>
</tr>
<tr>
<td>Permanent Parking Lot Constructed</td>
</tr>
<tr>
<td>Parking Spaces Added</td>
</tr>
<tr>
<td>+ 197 Spaces</td>
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Legend:
- Existing Buildings
- Buildings to be Demolished
- New Construction
- Renovation
- Construction Trailer and Site Laydown Area
- Site Fence / Limit of Construction
- Additional Parking Locations for Consideration
- Pool Parking
- Deduced Student Pathway
- School Bus Queue
- Temporary Parking Lots
- Student Drop-Off Location
Phasing

Phase 3.1 - September 2017 - May 2018
Renovation and Addition to North Building

Parking Changes:
- Temporary Parking Lots Demolished
  - Total Parking Spaces Lost: 298 Spaces
- South Parking Lots Constructed
  - Total Parking Spaces Provided: 238 Spaces
- Parking Lot Shift and Bus Lane Constructed
  - Parking Spaces Added: 88 Spaces

Classroom Changes:
- Remaining/Demolition of North Building
  - Total Program Space Lost: 112 Classrooms
- Educational Unit A & B Completed
  - Program Space Added: 81 Classrooms
- Educational Unit C & D Completed
  - Program Space Added: 83 Classrooms

Fitness Center Temporarily Relocated to Existing LTC Wing in North Building

Phase 3.2 - June 2018 - July 2018
North Building Move-in, Parking and Site Work

Parking Changes:
- North Pool Parking Lot Complete
- Remaining North Parking Lot and Site Work Under Construction

Classroom Changes:
- South Building Complete
- North Building Complete

Legend:
- Existing Buildings
- Demolished Buildings
- New Construction
- Renovation
- Construction Trailer and Site Laydown Area
- Site Fence / Limit of Construction
- Dedicated Student Pathway
- School Bus Queue
Feedback

• Primary Public Feedback regarding the 60% design has been related to the Performing Arts and Physical Education Spaces

• Concurrent Breakout Sessions:
  – General and Phasing
  – Music and Performing Arts
  – Physical Education and Athletics
STATE COLLEGE AREA HIGH SCHOOL
60% Progress Report