Foundation Board of Directors, College Council, President’s Cabinet, Facilities Committee

July 20, 2015
Welcome to Information Session I

Tom Gelder
Executive Director
Bakersfield College Foundation

Sonya Christian
President
Bakersfield College
Recognitions

BC Foundation
Michael O’Doherty
Karen Thompson
Cheryl Scott
Norma Rojas-Mora
Gregory Horn

KCCD
Tom Burke
Eric Middlested

BC Foundation
Tarina Perry
Craig Rouse
Liz Rozell
Billy Barnes
Sandi Taylor
Lesley Bonds
Paul Beckworth
Rich Mccrow
Stewardship of Public Funds

Michael Turnipseed
Executive Director
Kern County Taxpayers Association
2002 Measure G and Polling the voters

Tom Burke
Vice Chancellor,
Finance and Business Services, KCCD
Polling Information

KCCD Bond Survey Status

- Fairbank, Maslin, Maullin, Metz & Associates will conduct survey
- Lew Edwards Group will assist with survey development
- Survey will be District wide
- District will cover the cost of the survey (this is allowed since it is an information gathering effort)
- Comparison of Measure G survey results vs actual election results

<table>
<thead>
<tr>
<th>Actual Election Results (November 2002)</th>
<th>FM3 Survey Result (June 2002)</th>
</tr>
</thead>
<tbody>
<tr>
<td>59.2%</td>
<td>61%</td>
</tr>
</tbody>
</table>
Survey questions will cover the following areas

• What institution, if any, do voters regard as their local community college?
• How aware are voters of the District, and what are their impressions of it?
• How aware are voters of the District, and what are their impressions of it? Is the school seen as a source of pride and an important resource for the community?
• What do voters see as the major problems facing the community and the District?
• Do voters view Bakersfield College’s (or the Delano Center’s/the Weill Institute’s/Porterville College’s/Cerro Coso College’s) buildings as deteriorating, run down, or in need of repair?
• Do voters think that enrollment at the District’s colleges has increased in recent years? Do they think that classrooms and facilities are overcrowded?
Survey questions continued

• How do current economic issues – loss of jobs, declining retirement savings, rising costs of living – impact voter willingness to support a ballot measure to fund local education?

• Are voters aware that the State has typically funded facilities improvements, but now requires that local districts provide matching funds, hence creating the need for generating a local source of facilities funding? Do voters perceive that the District has effectively managed the facilities funds it has received from the state?

• How aware, if at all, are voters of Measure G, the $180 million bond measure that the District passed in 2002?

• Are voters aware that the State has typically funded facilities improvements, but now requires that local districts provide matching funds, hence creating the need for generating a local source of facilities funding? Do voters perceive that the District has effectively managed the facilities funds it has received from the state?

• How aware, if at all, are voters of Measure G, the $180 million bond measure that the District passed in 2002?
Survey Questions Continued

• Do voters trust the District to spend public funds efficiently and as promised?
• Are voters satisfied that the money raised by Measure G has been spent effectively and on the projects promised to voters?
• How do voters districtwide respond to specific language for a potential bond measure providing funding for all of the District’s colleges?
• How do voters within the Porterville College/Cerro Coso College Service Areas respond to specific language for a potential bond measure providing funding for their local college?
• Given realistic options, how do voters prefer that funds raised by a KCCD bond be spent?
• Given the current drought, does highlighting potential water recycling or conservation projects increase support for a bond measure?
• How do voters respond to different potential bond amounts – and their impact on local property taxes?
Survey Questions Continued

• What themes and messages are most effective educating local voters about a bond measure? Are there specific themes or messages that resonate strongly among different geographic or demographic subgroups?
• What are the demographic and socioeconomic characteristics of a measure’s supporters, opponents, and those who are undecided?
• Who are the most credible messengers to provide information on a KCCD bond measure?

Targeting to conduct survey late July beginning of August
Bakersfield College Information
Planning for the 2016 Bond. 477 days-ish

Nan Gomez-Heitzeberg  Sonya Christian  Zav Dadabhoy  Anthony Culpepper  
Exec VP, Academic Affairs  President  Vice President, Student Affairs  Vice President, Finance & Admin Services
Bond Draft List of Projects – BC

Capital, 164,255,000, 66%

Utility/Mechanical, 10,342,000, 4%

Other, 25,119,500, 10%

Hazardous/Safety/ADA, 16,903,000, 7%

Roof, 5,000,000, 2%

Parking, 5,230,000, 2%

Energy, 13,913,000, 6%

Drought, 6,225,000, 2%

Exterior, 2,915,000, 1%
## Bond Draft List of Projects – BC

<table>
<thead>
<tr>
<th>Project Total</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Capital Total</td>
<td>158,255,000</td>
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<tr>
<td>Drought Total</td>
<td>6,225,000</td>
</tr>
<tr>
<td>Energy Total</td>
<td>13,913,000</td>
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<tr>
<td>Exterior Total</td>
<td>2,915,000</td>
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<tr>
<td>Hazardous/Safety/ADA Total</td>
<td>16,903,000</td>
</tr>
<tr>
<td>Other Total</td>
<td>25,119,500</td>
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<tr>
<td>Parking Total</td>
<td>5,230,000</td>
</tr>
<tr>
<td>Roof Total</td>
<td>5,000,000</td>
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<tr>
<td>Utility/Mechanical Total</td>
<td>10,342,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>243,902,500</strong></td>
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## Bond Draft List of Projects – Delano

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Capital</td>
<td>51,210,000</td>
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<tr>
<td>Energy</td>
<td>30,000</td>
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<tr>
<td>Hazardous/Safety/ADA</td>
<td>25,000</td>
</tr>
<tr>
<td>Other</td>
<td>40,000</td>
</tr>
<tr>
<td>Parking</td>
<td>520,000</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>51,825,000</strong></td>
</tr>
</tbody>
</table>

Note: Capital is 98.8% of total
Bond Draft List of Projects – Weill

- Energy, 575,000, 6%
- Exterior, 350,000, 4%
- Hazardous/Safety/ADA, 450,000, 5%
- Utility/Mechanical, 2,252,500, 25%
- Other, 5,350,000, 60%
Planning for the 2016 Bond – 477 days-ish

Summer 2015
- May 26th: Launch meeting with subset of BOD
- July 20th: Information Session I
- August 6th: Information Session II

Fall 2015
- Getting connected with the community
- Campus Tours

Spring 2016
- Community Organizations Presentations
- Political Action Committee
Planning for the 2016 Bond

Summer 2016
- Political Action
- Communication and Education continues

Fall 2016
- Political Action
- Communication and education continues
- November 8, 2016—The BC/KCCD Bond is passed 😊
1913....1955....
Why does BC need a Bond? Infrastructure needs
Why does BC need a Bond?

Outdated learning spaces
Why does BC need a Bond?

Growing enrollments

<table>
<thead>
<tr>
<th>Year</th>
<th>Enrollments</th>
<th>Increase</th>
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<tbody>
<tr>
<td>2012-13</td>
<td>12,582</td>
<td></td>
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<tr>
<td>2013-14</td>
<td>13,372</td>
<td>(6.3%)</td>
</tr>
<tr>
<td>2014-15</td>
<td>13,880</td>
<td>(3.8%)</td>
</tr>
<tr>
<td>2015-16</td>
<td>14,296</td>
<td>(3.0%)</td>
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</table>
STEM Neighborhood
Liz Rozell, Dean of Instruction
**Science and Math Building**
- New Construction...
- Estimated cost of $65M

**AERA STEM Success Center**
- AERA Energy donated $500K towards the cost of building a STEM Success Center, but the conservative value-engineered cost is around $850K.

**Industrial Automation Lab**
- Renovation of existing MESA Center
- Estimated cost of $350K

**Needs Justification**
- Due to the high demand for math and science courses, the college has been approved for a new building.
  - STEM program has grown to over 1500 majors
  - Lack of classroom space & outdated facilities
  - Science labs, lecture halls, classrooms, office space

- The AERA STEM Success Center is designed to be a top rate learning environment with cutting edge technologies.
  - Computer docking station lab with plotting/printing capabilities
  - Interactive conference room
  - Design lab
  - Central study space for supplemental instruction
  - Counseling & student support services
  - MESA

- The Industrial Automation Lab will provide additional lab facilities to support the Bachelors of Science degree in Industrial Automation.
  - Cutting edge robotic technology
  - Manufacturing integration
State of STEM Facilities

Crowded Labs
Inefficient space configurations
Older facilities
STEM Building
MATH, SCIENCE & ENGINEERING REPLACEMENT

The 2013 Facilities Master Plan identified the need for the expansion and modernization of both Science and Mathematics programs. All programs in these Departments have outgrown their facilities. Mathematics requires a significant increase in number of classrooms and the Sciences typically operate in sub-standard facilities (constructed in 1956). This new building project would accommodate growth in both Mathematics and the Sciences. The project proposal is for a single or dual building structure. Phase 4a for the Sciences and Engineering and Phase 4b for Mathematics. Phasing of the construction will allow the Project to move forward without requiring additional costs for swing space.

<table>
<thead>
<tr>
<th>Estimated Capacity</th>
<th>ASF</th>
<th>GSF</th>
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<tbody>
<tr>
<td>Lecture</td>
<td>18,350</td>
<td></td>
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<tr>
<td>Labs</td>
<td>37,401</td>
<td></td>
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<tr>
<td>Office/Off Serv</td>
<td>5,600</td>
<td></td>
</tr>
<tr>
<td>Reading/Study</td>
<td>3,000</td>
<td></td>
</tr>
<tr>
<td>AV/TV</td>
<td>3,000</td>
<td></td>
</tr>
<tr>
<td>Meeting Room</td>
<td>1,600</td>
<td></td>
</tr>
<tr>
<td>Lounge</td>
<td>350</td>
<td></td>
</tr>
<tr>
<td>710 Space</td>
<td>440</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>69,741</td>
<td>103,183</td>
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</tbody>
</table>

Projected Cost: $65,108,473

**State and Local Funded**

2. STEM Grant Building
4a. Math / Science / Engineering (Phase 1)
4b. Math / Science / Engineering (Phase 2)
6a. AG Engineering / Horticulture / Pedestrian Elevator
6b. Horticulture Field Lab
6c. New Service Access
9. Fine Arts
13. Planetarium/Allied Health/Classroom Building
AH. Allied Health
AST. Applied Science Technology
AT. Auto Technology
Student Services Neighborhood
Student Services
Neighborhood

Lesley Bonds, Student Success Program Manager – Making It Happen

Paul Beckworth, Interim Dean of Student Success
Student Services Neighborhood

WELCOME CENTER
Pre-Enrollment
- Admissions & Records
- Assessment and Testing Center
- Business Services
- Outreach & School Relations

Remove:
- President’s Office
- Human Resources
- Marketing & Public Relations
- Levan Center
- SSSP/Equity
- Academic Senate

STUDENT SUCCESS
Post-Enrollment
- Financial Aid
- Counseling
- Academic Development/Basic Skills
- Supplemental Instruction
- Tutoring
- Math Lab
- Writing Center
- Student Success Lab
- Student Success & Support/MIH
- Office of Equity & Inclusion
- International Student Center
- Transfer/Career Center
- EOPS/CARE/CALWORKS
- DSPS
Welcome Center

• Bakersfield College does not have a central location on its campus to welcome first-time visitors. Visitors of the college usually wander aimlessly until they finally reach their point of destination with the assistance of a staff member or a random good Samaritan student.

• The welcome center will be the central point of contact for first-time visitors, continuing and new students and parents when they visit the BC campus.

• The center will be located in the Administration Building.
Administration Building
Goals

- Consolidate Student Services
- Provide “Front End Services” convenient to parking / edge of campus
- Accommodate growth and re-design for Basic Skills
- Minimize swing space (allows for phasing of Student Services)
- Engage / Enliven Library Quad / Green
- Accommodate ease of public access to Administration, Conferencing, & Culinary Arts
- Create synergies with relocation of Administration:
  - Culinary / Conference
  - Conference / Campus Center
  - Conference / Administration

Impacts

- Swing Space Required (Bookstore, Fiscal & Student Support Services)
- Requires relocation of Administration

Existing Buildings
1. Library
2. Business
3. Campus Center
4. Future M&O
5. Existing Student Services

Proposed Buildings
A. Student Services
   A1 Welcome Center
   A2 Student Support Services
B. Bookstore, Culinary Arts, Conferencing, Administration
C. Archive
D. Future Building Pad

Student Services
Student Services Building

Water damage 5/2015
State of Counseling Center
Student Success Projects

Counseling & Career Center

Needs Justification

- Increase in counselors and education advisors to meet need for intrusive advising
  - Computer bank with printer capabilities
  - Paint, and carpet
  - Larger front counter space
  - Private cubicles for education advisors to avoid FERPA violations.
  - New air duct system

Academic Support & Success Labs

- Academic Support Services enhance student success in the classroom
  - Academic Development
  - Supplemental Instruction, Tutoring
  - Student Success Labs (Math, Writing)

Additional Post-Enrollment Services

- Post-Enrollment Services provide additional student advocacy and support
  - Financial Aid, EOPS/CARE/CalWorks
  - Office of Equity & Inclusion
  - Student Support/MIH
Conference Center
Administration
Foundation
Community Learning Center
at Bakersfield College
Proposed Design and Location
Design Elevations
Conference Center
Conference Room
Executive Offices
Foundation Offices
Athletics Complex
Sandi Taylor, Athletic Director
Memorial Stadium Project

• Memorial Stadium - Athletic Complex
  • Ability to host multiple revenue generating events
  • Enhanced experience with updated scoreboard and sound system
  • Title IX – compliance for equitable competition facilities for Football & Soccer

Revenue generation enhancement

• Replace natural grass with synthetic turf with expanded playing field
  • Replace track surface with new surface
  • Video - capable LED scoreboard with messaging capabilities
  • Scoreboard location to optimize viewing from any seat
Memorial Stadium

Substandard track surface
Superficial cosmetic damage
Women’s Locker Room

Inefficient space
Antiquated equipment room
Inequitable facilities
Men’s Locker Rooms

Baseball Clubhouse

Pass-through lockers

Clerou Fieldhouse

PE Locker Room

Wrestling Locker Room
Gymnasium
Agriculture Neighborhood
Billy Barnes, Department Chair of Agriculture
BC Agriculture Education

Mechanized Agriculture Shop
- New program, new curriculum and in the process of hiring a certificated instructor.

Horticulture/Plant Science
- New technology and structure to current facilities to better insure the success of Bakersfield College students

Animal Science
- The development of facilities to enhance husbandry skills in dairy, beef, sheep and swine production practices.

Needs Justification
- California sees the growing need to provide career technical education to enhance skills in the agriculture industry.
- Kern County High Schools are growing their Agriculture mechanized programs to help support the skills gap that the Agriculture industry faces today. It is imperative to provide a level of higher preparedness for incoming students who seek employment in this field.
- During the past quarter of a century, the needs of the horticulture industry have expanded in Kern County. The lack of sufficient facilities and technology found on the Bakersfield College campus have hindered our efforts to support industry standards of production.
  - New greenhouse facilities
  - Technical crop laboratories
- Trends in Animal Production
  - Controlled environments with emphasis on disease prevention vs. treatment
- Trends in Animal Consumption
  - Understanding nutrition needs and development of food producing animals
- Trends in Animal Welfare and Animal Rights
  - Animal welfare emphasizes the humane treatment of animals, both in research and production agriculture
BC Agriculture Education

Program growth is limited by the existing infrastructure

The Learning Environment should be “hands-on” with active labs

Our students should be learning about today’s Agriculture by exploring tomorrow's technology
Water Stain from rain

Computer covered for rain protection

Septic Tank Overflow

The desks eventually had to be moved to teach class.
The walls have no insulation. The storage area in the back is single panel wood.

Outside light can be seen peeking through the wall.

Note the insulation on the ceiling.
Agriculture Science Building 1st Floor

- 24' X 30' Classroom
- 24' X 30' Classroom
- 24' X 30' Classroom
- Men
- Women
- Stair well
- 10' X 100' Hydroponics Vertical Garden Clear Windows
New Greenhouse in Horticulture Lab

- 36’ wide x 72’ long x 12’ eave greenhouse glazed with 8mm twin wall polycarbonate.
Delano Campus
Rich McCrow, Director of Delano Campus
Delano Campus

1. Science & Technology Building
2. Relocatable Buildings
3. Child Development
Delano Campus

Achieving projected growth -- The need for space is predicated on the Center’s demonstrated growth. This includes:

• A past history of significant growth
• Capitalizing on a 1.22% annual average growth rate of the population base within the center service area – currently 84,000
• Making the most of a positive annual growth rate of 0.4% based on projected graduations from North Kern County high schools
• Addressing a severely underserved 25+ year old population with no college education
• Planned 6.52% annual WSCH increase from 16,717 to 33,054 through 2025
Based on the capacity for growth and commensurate needs for space sufficient to accommodate 33,054 WSCH by year 2025 – 57,000 ASF of new construction needed to include:

- Learning Resource/Multipurpose Building
- Academic Building
- Student Campus Center
- Central Plant Facility
Delano Campus

Program of Work: Campus Core
- Existing Science & Technology Building
- LRC / Instructional Support / Student Services
- Student Activities / Merchandizing / Fitness Center
- Classroom Building
- Future Classroom / Lab Building
- Future Administration / Student Services Building
- Future Classroom / Lab Building

Program of Work: Campus Building Out
A. Future Child Development Location
B. Future M&O / Central Plant Location
DELANO CAMPUS
## Delano Center: Campus Development Schedule and Phasing Plan

### Phase I 2014-2025

<table>
<thead>
<tr>
<th>Project</th>
<th>Yr Funding Required</th>
<th>ASF</th>
<th>GSF</th>
<th>Total Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>LRC/Multi-Purpose bldg</td>
<td>2014/2015</td>
<td>20,971</td>
<td>31,433</td>
<td>16,844,956.00</td>
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<tr>
<td>Physical Plant/Central Plant</td>
<td>2014/2015</td>
<td>4,800</td>
<td>6,400</td>
<td>3,410,554.00</td>
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<tr>
<td>Academic Building I</td>
<td>2020/2021</td>
<td>18,480</td>
<td>28385</td>
<td>12,455,982.00</td>
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<tr>
<td>Student Campus Center</td>
<td>2020/2021</td>
<td>18,480</td>
<td>28431</td>
<td>12,761,918.00</td>
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<tr>
<td><strong>Sub-total</strong></td>
<td></td>
<td>62,731</td>
<td>94,649</td>
<td>45,473,410.00</td>
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### Amenities/Support Costs

<table>
<thead>
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<th>Yr Required</th>
<th>Total Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014/2025</td>
<td>3,750,000.00</td>
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</table>

### Total Phase I

| 2014/2025 | 57,797,025.00 |

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This table outlines the projects and funding details for the Delano Center's campus development plan, including phases from 2014 to 2025. It details the years, funding required, area square feet (ASF), gross square feet (GSF), and total project costs for each phase and sub-total.
Key among the Delano development will be:
- Creating a campus core
- Redefining the linear nature of the campus
- Creating functional linkage with the adjacent high school
- Creating a sense of campus vitality through student-focused venues and amenities
- Encouraging greater connectivity with the community
Sign Up?
Bond Committee

Steering Committee
Karen Thompson
Sonya Christian
Tarina Perry
Tom Gelder

Budget Subcommittee
Anthony Culpepper
Michael O’Doherty
Tom Gelder

Communications Subcommittee
Cheryl Scott
Gregory Horne
Karen Thompson
Nan Gomez-Heitzberg
Norma Rojas-Mora

Political Subcommittee
Cheryl Scott
Steven Holmes
2016 Bond Support Volunteer Activities

• Reaching out to community organizations-Rotary, Jr. League, New Car Dealers, Chamber of Commerce, local churches
• Talking to campus advisor committees, support groups
• Get out the Vote-On campus, in the community
• Manning booths at events or heavily travelled locations
• Driving people to the polls
• Soliciting support for the effort-It will cost $500,000!
• Creating ads, PSAs, marketing and informational materials
• Helping us place marketing and promotional materials
• Phone Banks
Questions?
Foundation Board of Directors, College Council, President’s Cabinet, Facilities Committee

July 20, 2015