01 Urban Campus Development Considerations
02 Benefits for Early Involvement of CM
03 Phased Planning Approach
04 Challenges / Opportunities for Each Phase
05 Consideration of Laboratory Spaces
Project Team

Phase 1: Design-Build

- Ramesh Vakamudi
  VP, Facilities
- Kim Bauer
  Senior Director
- Susan Talley
  Sr. Project Manager

Huntly Gordon
Project Executive
Rob Dunn
Project Director
Jeff Brown
Sr. Project Manager
Chris Janos
Superintendent

Phase 2: CM @ Risk

- Ramesh Vakamudi
  VP, Facilities
- Kim Bauer
  Senior Director
- Todd Cook
  Director
- Kevin Payne
  Sr. Project Manager

Huntly Gordon
Project Executive
Rob Dunn
Project Director

Brian Dugan
Sr. Project Mgr
Michael Schaffer
Project Manager
Eric Rappe
Project Engineer
Chris Janos
Superintendent
History of Classroom South

- GSU Campuses – 6 Total
- Premium Real Estate
- **1966**: Classroom South
- **1985**: Library South
- **1990**: G Parking Deck
- **1994**: Elevator Bank & Fire Egress Stair
- **2011**: Phase 1 – Classroom South Expansion
- **2017**: Phase 2 – Classroom South Expansion
History of Classroom South
Vision & Charge for Phase 1 and Phase 2

• **Campus Vision**
  - Phase 1: General Classroom Space
  - Phase 2: Teaching Lab Space
  - Architecture to Blend with Existing Buildings

• **Campus Charge to Project Teams**
  - Create Urban Development to Continue Vision of GSU
  - Phase 1:
    - 25,000 sf Classroom Space, 5 Floors
    - Level 1 Parking
    - Levels 2-5 Classrooms
    - Future Building Systems Consideration (Offices/Classrooms at time of Phase 1 Program)
  - Phase 2:
    - 35,000 sf Laboratory & Auditorium
    - Level 1: Auditorium (150 seats)
    - Level 2 thru 4: Chemical Labs (4) and Biology Labs (8)
Project Schedule & Budget

• **Phase 1: Design-Build**
  • 25,000 SF
  • $3.8M Design & Construction Cost
  • June 2010: Award/Design Commenced
  • October 2010: Construction Start
  • June 2011: Material Completion

• **Phase 2: CM at Risk**
  • 35,000 SF
  • $14.8M Construction Cost
  • November 2016: Construction Start
  • January 2018: Material Completion
Phase 1 Logistics

- Site Logistics
- Pedestrian Traffic
- Material Deliveries
Phase 1 Logistics

- Office Compound
- Job Site Access
Phase 1 Logistics

- Material Deliveries
- Athletics Coordination
Phase 1 Logistics

- Low OH Clearance
- Pedestrian Access Considerations
Phase 1 Logistics

- Chemical Access
- Library South Loading Dock
Phase 1 Logistics

- Chemical Storage Access
Phase 1 Logistics
Future Phase Planning in Phase 1

• Build Type for Phase 2
  • Classroom & Offices

• Logistics for Future Phase 2
  • Central Avenue Lane Closure
  • Upper Level of G Deck – Mail Laydown

• Building Program Elements in Phase 1
  • West Foundation System
  • Egress Stair on West Elevation
  • CW Line Connection at Level 5 Ceiling
  • Fire Sprinkler Connection for Phase 2
Approach & Challenges

• Logistics

• Program Change ➔ Classrooms to Labs
  • Floor-to-Floor Constraints
  • Auditorium Clearances / Span Requirements
  • Ductwork Challenges

• Georgia Power Vault Location

• Lane Closure Requirements – City of Atlanta

• Courtland Street Bridge Replacement

• New Services Required for Phase 2
Phase 2 Logistics | RFQ Approach

- Life Safety
- Pedestrian Traffic Flow
- Material Delivery Traffic Flow
Phase 2 Logistics | VDC Overview
Phase 2 Logistics | VDC Overview
Phase 2 Logistics | VDC Overview
Phase 2 Logistics