Quarterly Report of
CU-Boulder Planning Projects
Capital Projects Status - July 2017 (for 2017 Q2)

This report is also available on the Facilities Planning Web Site:
www.colorado.edu/campusplanning

I. PROGRAM PLAN PHASE

The Program Planning Phase includes projects for which a state required program plan is being prepared, marketed, or has been completed and is waiting for funding.

Feasibility Preparation

1. **Integrative Physiology Relocation** – Laboratory addition to Ramaley to provide modern research facilities, accommodate growth for IPHY and consolidate department operations into fewer buildings.

   Planner: Wayne Northcutt
   Project Manager: Katherine Dunklau
   Estimated Cost: $21.3M – campus funds
   Project Size: New construction - 22,330 GSF/13,800 ASF
   Planning Consultant: CRB
   Renovation - 2,000 ASF
   Architect: TBD
   Regent Approval: TBD
   Contractor: TBD

2. **College of Music Imig Addition** – The College of Music plans to consolidate its academic programs into one building, the Warner Imig Music Building, as well as gain new square footage for programmatic growth. This project proposes to meet both of these needs with an addition at the south side of Imig. The project includes partial demolition of the existing structure, approximately 9,000 ASF (12,000 GSF) of the south wing. The new construction will consist of 9,000 ASF to replace program elements within the demolition footprint as well as add 24,000 ASF of new programmatic space. In total, the new addition will have 33,000 ASF (50,000 GSF) of academic and administrative space.

   Planner: Amy Kirtland
   Project Manager: Rachel Stonecypher
   Estimated Cost: $42M – campus funds
   Project Size: New construction/Addition: 95,065 GSF
   Architect: Pfeiffer Partners
   50,000 GSF/33,000 ASF
   Contractor: TBD
   Regent Approval: TBD

3. **19th Street Trail and Bridge Capital Renewal** – Construct a new 10' bike/pedestrian bridge at 19th St, and new 10' ADA compliant bike/pedestrian trail from the bridge up the hillside, to connect the City of Boulder to the University of Colorado campus.

   Planner: Richelle Reilly
   Project Manager: Brian Moffitt
   Estimated Cost: $5,998,000 – campus & DRCOG funds
   Project Size: N/A
   Planning Consultant: TBD
   Regent Approval: TBD

Awaiting Funding

1. **Hellems Capital Renewal** – The Five-Year Capital Improvement Program (CIP), approved by the Board of Regents in June, includes a year one capital renewal project for Hellems Arts and Sciences Building. Severely deteriorated electrical, plumbing, and mechanical systems will be replaced to comply with current code requirements, including life safety and ADA. This project is included in the UCB FY18 CIP and state request which has been submitted to the state for funding.

   Planner: Tom Goodhew
   Project Manager: TBD
   Estimated Cost: $75M – state & campus funds
   Project Size: 95,065 GSF
   Architct: TBD
   Regent Approval: TBD
   Contractor: TBD
2. **Guggenheim Geography Building Capital Renewal** – The Five-Year Capital Improvement Program (CIP), approved by the Board of Regents in June, includes a Year-Two capital renewal project for Guggenheim Geography Building. Severely deteriorated electrical, plumbing, and mechanical systems will be replaced to comply with current code requirements, including life safety and ADA. This project is included in the UCB FY18 CIP and state request, which has been submitted to the state for funding.

   Planner: Tom Goodhew
   Estimated Cost: $24,722,062 – state & campus funds
   Project Manager: TBD
   Project Size: 22,908 GSF
   Architect: TBD
   Regent Approval: TBD
   Contractor: TBD

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**Active Design Projects**

1. **UMC – South Terrace Renovation Capital Renewal** – Repair and replace existing exterior 17,000 SF. south terrace paver system because of leaks into the bowling alley lounge areas below. Project requires structural reinforcement of terrace deck.

   Planner: Tom Goodhew
   Estimated Cost: $2,500,000 – campus funds
   Project Manager: Jim Wollum
   Project Size: N/A
   Architect: Handprint Architecture
   Regent Approval: TBD
   Contractor: TBD

2. **Koelbel Business and Engineering School Expansion** – Project is an addition and renovation to Koelbel for Business School and CEAS. Architect has been selected and Program Phase is underway.

   Planner: Jan Becker
   Estimated Cost: $22M – campus & private funds
   Project Manager: Keane Ray
   Project Size: 30,000 GSF (new), 10,000 GSF (renovation)
   Architect: Gensler
   Regent Approval: TBD
   Contractor: TBD

3. **Fleming Office Tower Renovation and Systems Upgrades** – Tower renovation for HVAC and data access upgrades and new finishes in offices. Center building renovation to include HVAC and data access upgrades only.

   Planner: Jan Becker
   Estimated Cost: $12.75M – state & campus funds
   Project Manager: Blake Guyer
   Project Size: 8,510 ASF Renovation, Systems Upgrades
   Architect: Beck Architecture
   Regent Approval: TBD
   Contractor: TBD

4. **Williams Village East Residence Hall** – Project is to develop a new 700 bed residence hall on the Williams Village campus for Housing and Dining Services. Facilities are to be dormitory style housing directed at first-year and second-year students. Project is to be located just east of the Williams Village North Residence Hall.

   Planner: Tom Goodhew
   Estimated Cost: $96,700,000 – HDS auxiliary funds
   Project Manager: Heidi Roge
   Project Size: 178,051 GSF
   Design/Build Team: Whiting-Turner Contracting Co. with alm2s & KWK Architects
   Regent Approval: June 2017

5. **Aerospace Engineering Sciences Building** – In August, the Legislative Capital Development Committee approved the campus’ request to cash fund $5.5M for the design of this building planned for the East Campus. For final phase, FY17-18 request to the state is for approximately $23M, with the balance up to $80.4M to be funded by the campus. Capital requests have been submitted to the state since the regents approved the original program plan in March 2008.

   Planner: Wayne Northcutt
   Estimated Cost: $82,545,712 - campus & private funds
   Project Manager: Jim Faber
   Project Size: 139,167 GSF
   Architect: Hord Coplan Macht
   Program Plan Consultant: HDR Architecture
   Contractor: TBD
6. **23rd Street Bridge Capital Renewal** – This project consists of the removal of existing pedestrian bridges over Boulder Creek between 17th Street and Folsom Street and the addition of a new pedestrian bridge. The bridge will be elevated above the 100-year floodplain and connect to pathways on the north and south sides of the creek. The project is funded by a two-phase grant from the Colorado Division of Emergency Management Hazard Mitigation Grant Program (HMGP), and Phase 1 has been approved for design and engineering from a conceptual level through design development. Upon completion of Phase 1 work, HMGP will review the project’s technical feasibility and projected cost estimate to determine if Phase 2 of the grant is awarded. FEMA funding = 75%, CU match funding = 25%.

Planner: Amy Kirtland  
Estimated Cost: $3.8M - campus & private funds  
Project Manager: Brian Moffitt  
Design Consultant: Loris and Associates  
Contractor: TBD

II. CONSTRUCTION PHASE

1. **Center for Academic Success & Engagement (CASE)** – New classroom, auditorium, conference and office spaces will be constructed over the Euclid Avenue Auto Park. Construction activities are underway.

Planner: Wayne Northcutt  
Estimated Cost: $52,955,672 – campus funds  
Project Manager: Stephen Graziano  
Program Plan: Consultant: RNL  
Design-Build Team: GH Phipps + OZ + BORA

2. **Systems Biotechnology Academic Wing (E or 5th Wing)** – Construction of the 5th wing of the Jennie Smoly Caruthers Biotechnology Building will provide teaching and research laboratories and classrooms to support current and new interdisciplinary programs for the Department of Chemical and Biological Engineering and the Biochemistry Division of the Chemistry and Biochemistry Department.

Planner: Wayne Northcutt  
Estimated Cost: $43,169,753 – campus, ICR & state funds  
Project Manager: Peter Nelson  
Architect: HDR Architecture  
CM/GC: Adolfson & Peterson  

3. **Capital Assets Management Plan (CAMP), Initial Priorities - Engineering Center Wing Renovation** – This project focuses on much-needed building system and classroom improvements in selected areas of the Engineering Complex.

Planner: Wayne Northcutt  
Estimated Cost: $24,750,000 – campus funds  
Project Manager: Rich Deborski  
Architect: AMD Architects  
CM/GC: Haselden Construction LLC  
Regent Approval: November 2014

III. IN-ACTIVE DESIGN PHASE

Includes authorized projects for which a project architect has been retained and design has temporarily been put on hold.

1. **Capital Assets Management Plan (CAMP), Initial Priorities - Carlson Gymnasium Renovation** – This project includes a renovation and infill of the existing spaces in the building in order to accommodate for much-needed academic program improvements on campus.

Planner: Tom Goodhew  
Estimated Cost: $31M – campus funds  
Project Manager: Stephen Graziano  
Architect: GKK Works  
Contractor: TBD  
Regent Approval: November 2014
2. **North of Boulder Area Creek Master Site Development Plan** – This project is to provide planning studies and design guidelines for development of the campus area north of Boulder Creek between 17th Street and Folsom Avenue. The project mitigates flood risks and replaces existing housing stock, while providing additional areas for athletic and recreation fields. Additional flexible development parcels are anticipated to accommodate expansion of the campus and respond to changing university needs over time. A master plan design is proposed and next steps would include stakeholder feedback, further floodplain analysis, and sensitivity studies.

   Planner: Amy Kirtland
   Estimated Cost: N/A
   Planning Consultant: OZ Architecture
   Project Size: N/A
   Regent Approval: N/A

### IV. PROJECTS BEING COMPLETED

1. **Baseline Road Underpass** – The City of Boulder is coordinating with the campus to design and construct a new underpass at Baseline Road, between 28th Street and Broadway Avenue. Construction is underway.

   Planner: Richelle Reilly
   Estimated Cost: City of Boulder funds
   Project Manager: City of Boulder
   Project Size: N/A

2. **2860 Wilderness Place Acquisition and Renovation** (formerly Life Sciences Complex) – Acquisition and renovation of an off-campus lab building has provided modern vivarium facilities to support behavioral research groups in campus life sciences programs. The project is considered a 7-10 year interim solution to a permanent East Campus facility.

   Planner: Wayne Northcutt
   Approved Cost: $20,449,289 – campus & ICR funds
   Project Manager: Larry Hill
   Project Size: 60,000 GSF
   Program Plan Consultant/Architect: Anderson Mason Dale
   Regent Approval: April 2014, September 2015
   CM/GC: Whiting-Turner Contracting Co.

3. **Campus Utility System Improvements** – This project renovated the existing Main Campus Power House, and included the refurbishment of the cogeneration turbines; Construction of the Main Campus East District Energy Plant is augmenting steam and chilled water capacity throughout the campus. The project included distribution system improvements that interconnects the two plants and extends chilled water to the Kittredge area buildings. Construction is complete and systems are being commissioned.

   Planner: Tom Goodhew
   Approved Cost: $91.1M auxiliary funds
   Project Manager: Katherine Dunklau
   Project Size: 73,350 GSF
   Program Plan Consultant: Lutz, Daily & Brain, LLC
   Regent Approval: June 2011
   CM/GC: JE Dunn Construction

### Abbreviations used:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>ADA</td>
<td>Americans with Disabilities Act</td>
</tr>
<tr>
<td>CM/GC</td>
<td>Construction Management / General Contractor</td>
</tr>
<tr>
<td>FEMA</td>
<td>Federal Emergency Management Agency</td>
</tr>
<tr>
<td>FY</td>
<td>Fiscal Year (July 1 to June 30)</td>
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<tr>
<td>GSF</td>
<td>Gross Square Footage</td>
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<tr>
<td>HDS</td>
<td>Housing and Dining Services</td>
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