Quarterly Report of
CU-Boulder Planning Projects
Capital Projects Status - July 2018 (for 2018 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. **Strategic Facilities Visioning** – Campus visioning effort for strategic facilities planning. The intent of the visioning is to understand where the university is headed over the next 30 years, the priorities of the schools and colleges, the growth of enrollment and its associated demographics, emerging changes to how we teach/learn (online, remote, video, experiential, technology, etc.), and ultimately, what we need to do to support the infrastructure needs of the campus to enable it to meet its goals.

   Planner: Bill Haverly  
   Estimated Cost: N/A  
   Project Manager: Ida Mae Isaac  
   Project Size: N/A  
   Planning Consultant: AECOM Strategy Plus  
   Regent Approval: N/A

2. **Housing Master Plan** – A comprehensive Housing Master Plan to define residential community needs for a full range of campus constituents. Overarching goals are to support student success and education affordability through programs and facilities that create sustainable and resilient residential communities. Provision of safe, supportive and affordable living conditions allows students, faculty, and staff to focus on academic and research endeavors.

   Planner: Tom Goodhew  
   Estimated Cost: N/A  
   Project Manager: TBD  
   Project Size: N/A  
   Planning Consultant: TBD  
   Regent Approval: N/A

Awaiting Funding

1. **Hellems Capital Renewal** – The Five-Year Capital Improvement Program (CIP), approved by the Board of Regents, 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.  
   Studies – Phase 0

   Planner: Tom Goodhew  
   Estimated Cost: $75M – state & campus funds  
   Project Manager: TBD  
   Project Size: 95,065 GSF  
   Architect: 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, 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.  
   Studies – Phase 0

   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
Active Design Projects

1. **Education – Fire Sprinkler/HVAC Upgrade** – This is a Controlled Maintenance (CM) project designed to replace the original mechanical system in the building with a new system which will tie into the new campus chilled water lines. The project will also install a fire sprinkler system in the building, as the building currently does not have one.  
   Concept – Phase 3

   Planner: Tom Goodhew
   Estimated Cost: $3,789,266 – state funds
   Project Manager: Keith Gardner
   Project Size: 46,496 GSF
   Architect: Architectural Workshop
   Regent Approval: N/A
   Contractor: TBD

2. **Integrative Physiology Relocation/Ramaley Addition** – Laboratory addition to Ramaley to provide modern research facilities, accommodate growth for IPHY and consolidate department operations into fewer buildings.  
   Document – Phase 5

   Planner: Wayne Northcutt
   Estimated Cost: $21M – campus funds
   Project Manager: Peter Nelson
   Project Size: New construction - 28,000 GSF
   Planning Consultant: CRB
   Regent Approval: February 2018
   Architect: Hord Coplan Macht
   Contractor: Fransen Pittman

3. **North of Boulder Creek 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.  
   Schematic – Phase 4

   Planner: Richelle Reilly
   Estimated Cost: $5,998,000 – campus & DRCOG funds
   Project Manager: Brian Moffitt
   Project Size: N/A
   Design Consultant: Loris and Associates/BHA Design
   Regent Approval: June 2012

4. **UMC – South Terrace Renovation Capital Renewal** – Repair and replace existing exterior 17,000 SF south terrace paver system due to leaks into the bowling alley lounge below. Project requires structural reinforcement of terrace deck.  
   Document – Phase 5

   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

5. **Koelbel Business and Engineering School Expansion** – Addition and renovation to Koelbel for Business School and CEAS/ECCS Wing. Architect has been selected.  
   Schematic – Phase 4

   Planner: Jan Becker
   Estimated Cost: $37.47M – campus & private funds
   Project Manager: Keane Ray
   Project Size: 76,260 GSF
   Architect: Gensler
   Regent Approval: TBD
   Contractor: Haselden

6. **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.  
   Document – Phase 5

   Planner: Jan Becker
   Estimated Cost: $13.71M – campus funds
   Project Manager: Blake Guyer
   Project Size: 23,444 GSF (tower only)
   Architect: Beck Architecture
   Regent Approval: June 2018
   Contractor: CM/CG: Adolfson & Peterson
7. **Engineering Center Office Tower Capital Renewal and Renovation** – This project includes renovation of tower office floors 2 – 8. *Schematic – Phase 4*

   Planner: Jan Becker  
   Project Manager: Rich Deborski  
   Architect: Anderson Mason Dale  
   Contractor: Haselden  
   Estimated Cost: $24.5M – campus funds  
   Project Size: 77,600 GSF  
   Regent Approval: TBD

8. **Music – Imig Addition** – New addition to south side of Imig. *Document – Phase 5*

   Planner: Amy Kirtland  
   Project Manager: Rachel Stonecypher  
   Architect: Pfeiffer  
   Contractor: Adolfson & Peterson Construction  
   Estimated Cost: $57M – campus funds  
   Project Size: 70,100 GSF  
   Regent Approval: June 2018

9. **North of Boulder Creek 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). 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%. *Document – Phase 5*

   Planner: Amy Kirtland  
   Project Manager: Brian Moffitt  
   Design Consultant: Loris and Associates  
   Contractor: TBD  
   Estimated Cost: $3.8M – campus & private funds  
   Project Size: N/A  
   Regent Approval: February 2017

II. **CONSTRUCTION PHASE**

1. **Williams Village East Residence Hall** – Project to develop a new 700-bed residence hall on the Williams Village campus for Housing and Dining Services. Dormitory style housing directed at first- and second-year students to be located just east of the Williams Village North Residence Hall. *Construction – Phase 6*

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

2. **Center for Academic Success & Engagement (CASE)** – New classroom, auditorium, conference and office spaces constructed over the Euclid Avenue Auto Park. Construction activities continue. *Construction – Phase 6*

   Planner: Wayne Northcutt  
   Project Manager: Stephen Graziano  
   Program Plan Consultant: RNL  
   Design-Build Team: GH Phipps + OZ + BORA  
   Estimated Cost: $52,955,672 – campus funds  
   Project Size: 115,000 GSF  
   Regent Approval: February 2014, June 2017

3. **Aerospace Engineering Sciences Building** – New 4-story building for Aerospace Engineering. 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. *Construction – Phase 6*

   Planner: Wayne Northcutt  
   Project Manager: Jim Faber  
   Architect: Hord Coplan Macht  
   Program Plan Consultant: HDR Architecture  
   Contractor: Whiting-Turner Contracting Co.  
   Estimated Cost: $82,545,712 - campus & private funds  
   Project Size: 139,167 GSF  
4. **Aerospace North Wing Addition** – North wing addition to the Aerospace Engineering Sciences AES building in support of accelerated student enrollment. *Construction – Phase 6*

   Planner: Wayne Northcutt  
   Estimated Cost: $18,653,000 - campus & private funds  
   Project Manager: Jim Faber  
   Project Size: 31,265 GSF  
   Architect: Hord Coplan Macht  
   Regent Approval: February 2018  
   Contractor: Whiting-Turner

5. **Engineering Center Administrative Wing** – This project proposes complete renovation of the administrative suite and includes replacing HVAC system and improving space utilization. *Construction – Phase 6*

   Planner: Jan Becker  
   Estimated Cost: $3.82M – campus funds  
   Project Manager: Keane Ray  
   Project Size: 8,710 GSF  
   Architect: Anderson Mason Dale  
   Regent Approval: February 2018  
   Contractor: JHL Constructors Inc.

---

**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  
   Project Size: 52,630 GSF renovation  
   Architect: GKK Works  
   9,000 GSF addition  
   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**

*No projects under this heading for this Quarter.*

---

**Abbreviations used:**

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<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>
</tr>
<tr>
<td>GSF</td>
<td>Gross Square Footage</td>
</tr>
<tr>
<td>HDS</td>
<td>Housing and Dining Services</td>
</tr>
</tbody>
</table>