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**Quarterly Report of  
CU-Boulder Planning Projects  
Capital Projects Status - January 2019 (for 2018 Q4)**

This report is also available on the Facilities Planning Web Site:  
[www.colorado.edu/campusplanning](http://www.colorado.edu/campusplanning)

## I. PROGRAMMING PHASE

**The Programming Phase includes projects for which a state-required program plan is being prepared and marketed or has been completed and is awaiting funding. This phase also includes other planning studies.**

### 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

Project Manager: Ida Mae Isaac

Planning Consultant: AECOM Strategy Plus

Estimated Cost: N/A

Project Size: N/A

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

Planning Consultant: Brailsford & Dunlavey

Estimated Cost: N/A

Project Size: N/A

Regent Approval: N/A

3. **Transportation Master Plan** – The Transportation Master Plan will update and define the current transportation needs and the future of campus transit in preparation for the upcoming Campus Master Plan. The plan will start with analysis of existing conditions and campus data, providing options and recommendations based on goals for all phases of campus transportation including SOV & multi-modal travel, transit to and through campus, parking strategies & curb management, safety, new technologies, sustainability and resiliency.

Planner: Richelle Reilly

Planning Consultant: Fehr & Peers

Estimated Cost: N/A

Project Size: N/A

Regent Approval: N/A

4. **Strategic Energy Master Plan** – The Strategic Energy Master Plan will define long-term Sustainability Goals pertaining to energy conservation, water conservation, reduction in greenhouse gas emissions and energy resiliency. Utilizing NREL Strategic Energy Management Evaluation Protocol, the plan will consider all aspects of energy related to UCB constituents with an eye towards advancing sustainable, resilient communities, enhancing the campus culture of quality academic and research pursuits.

Planner: Lindsay Schumacher

Planning Consultant: TBD

Estimated Cost: N/A

Project Size: N/A

Regent Approval: N/A

5. **JILA Modernization** – JILA, a partnership between CU Boulder and NIST, seeks to develop contemporary physics lab spaces on the Boulder campus. Study will look at a combination of new laboratory spaces and renovation of existing office and support areas.

Planner: Wayne Northcutt

Planning Consultant: TBD

Estimated Cost: TBD

Project Size: 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 1*

Planner: Tom Goodhew  
 Project Manager: TBD  
 Architect: TBD  
 Contractor: TBD

Estimated Cost: \$75M – state & campus funds  
 Project Size: 95,065 GSF  
 Regent Approval: 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 1*

Planner: Tom Goodhew  
 Project Manager: TBD  
 Architect: TBD  
 Contractor: TBD

Estimated Cost: \$24,722,062 – state & campus funds  
 Project Size: 22,908 GSF  
 Regent Approval: TBD

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### 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  
 Project Manager: Keith Gardner  
 Architect: Architectural Workshop  
 Contractor: TBD

Estimated Cost: \$3,789,266 – state funds  
 Project Size: 46,496 GSF  
 Regent Approval: N/A

2. **North of Boulder Creek 19<sup>th</sup> 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  
 Project Manager: Brian Moffitt  
 Design Consultant: Loris and Associates/BHA Design

Estimated Cost: \$5,998,000 – campus & DRCOG funds  
 Project Size: N/A  
 Regent Approval: June 2012

3. **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 6*

Planner: Tom Goodhew  
 Project Manager: Jim Wollum  
 Architect: Handprint Architecture  
 Contractor: TBD

Estimated Cost: \$2,500,000 – campus funds  
 Project Size: N/A  
 Regent Approval: N/A

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

Planner: Jan Becker  
 Project Manager: Keane Ray  
 Architect: Anderson Mason Dale  
 Contractor: Haselden

Estimated Cost: \$45M – campus & private funds  
 Project Size: 74,156 GSF  
 Regent Approval: 11/09/18

5. **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 6*

Planner: Jan Becker  
 Project Manager: Blake Guyer  
 Architect: Beck Architecture  
 Contractor: CM/CG: Adolfsen & Peterson

Estimated Cost: \$13.71M – campus funds  
 Project Size: 23,444 GSF (tower only)  
 Regent Approval: June 2018

## 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. **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  
 Regent Approval: March 2008, June 2012, 2014, 2016 & 2017

3. **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  
 Project Manager: Jim Faber  
 Architect: Hord Coplan Macht  
 Contractor: Whiting-Turner

Estimated Cost: \$18,653,000 - campus & private funds  
 Project Size: 31,265 GSF  
 Regent Approval: February 2018

4. **Music – Imig Addition** – New addition to south side of Imig. *Document – Phase 6*

Planner: Amy Kirtland  
 Project Manager: Rachel Stonecypher  
 Architect: Pfeiffer  
 Contractor: Adolfsen & Peterson Construction

Estimated Cost: \$57M – campus + private funds  
 Project Size: 58,000 GSF  
 Regent Approval: June 2018

5. **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 6*

Planner: Amy Kirtland  
 Project Manager: Brian Moffitt  
 Design Consultant: Loris and Associates  
 Contractor: Hamilton

Estimated Cost: \$3.8M- campus & private funds  
 Project Size: N/A  
 Regent Approval: February 2017

6. **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 6*

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

### 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/ PM: Stephen Graziano | Estimated Cost: \$31M – campus funds              |
| Architect: GKK Works                       | Project Size: 52,630 GSF reno/ 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            |

3. **Engineering Center Office Tower Capital Renewal and Renovation** – This project includes renovation of tower office floors 2 – 8. *Schematic – Phase 4*

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

### IV. PROJECTS BEING COMPLETED

1. **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 7*

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

2. **Engineering Center Administrative Wing** – This project proposes complete renovation of the administrative suite and includes replacing HVAC system and improving space utilization. *Construction – Phase 7*

|                                   |                                        |
|-----------------------------------|----------------------------------------|
| 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. |                                        |

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