

# ACEC

May 17, 2019

Marc Partridge AIA CID LEED AP

University Architect

Manager of Design, Capital Project Management

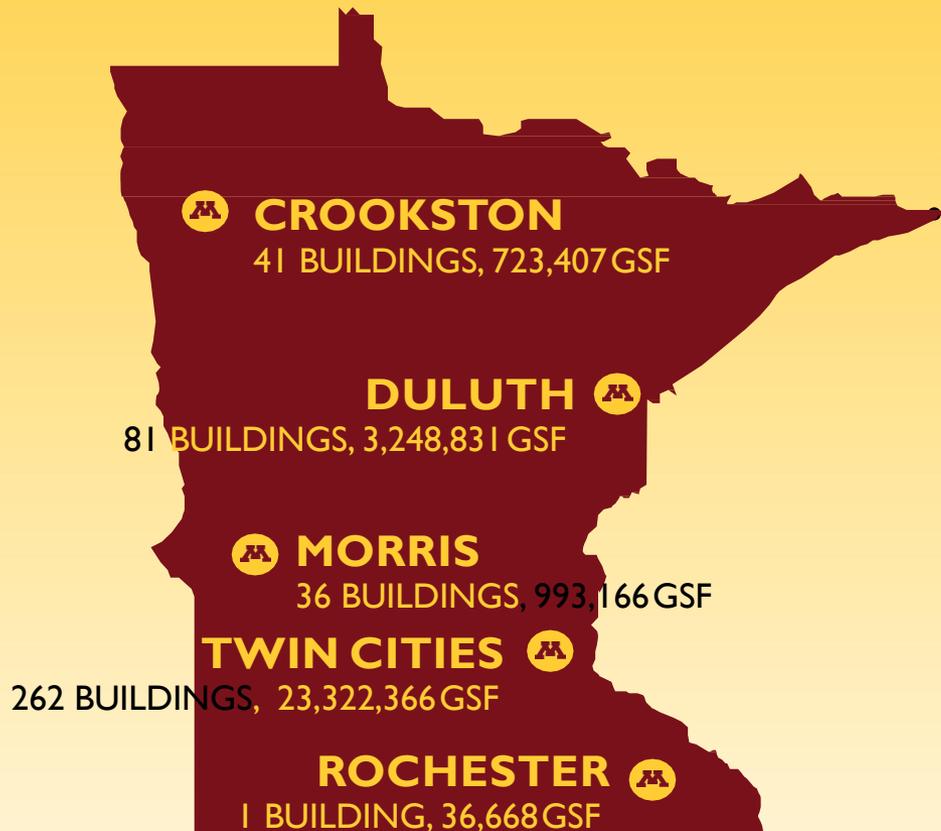
[partr019@umn.edu](mailto:partr019@umn.edu)



UNIVERSITY OF MINNESOTA

**Driven to Discover<sup>SM</sup>**

# The University of Minnesota



## Minnesota's Land-Grant University

- 51,000 Students
- 18,000 Employees
- \$3.8 Billion Budget

## UNIVERSITY OF MINNESOTA SYSTEM

920 BUILDINGS, 29,961,208 GSF



UNIVERSITY OF MINNESOTA

Driven to Discover<sup>SM</sup>

# CPM Role

- Capital Project Management has system-wide responsibility for planning, designing and constructing fixed assets including new and existing buildings, furnishings and equipment and utility infrastructure.
- Resources:
  - CPM Website: <https://cpm.umn.edu/>
  - Purchasing Website (Mbid):  
<http://purchasing.umn.edu/bid-opportunities.html>
  - CPM Project Managers
  - A&E Consultants
  - Contractors



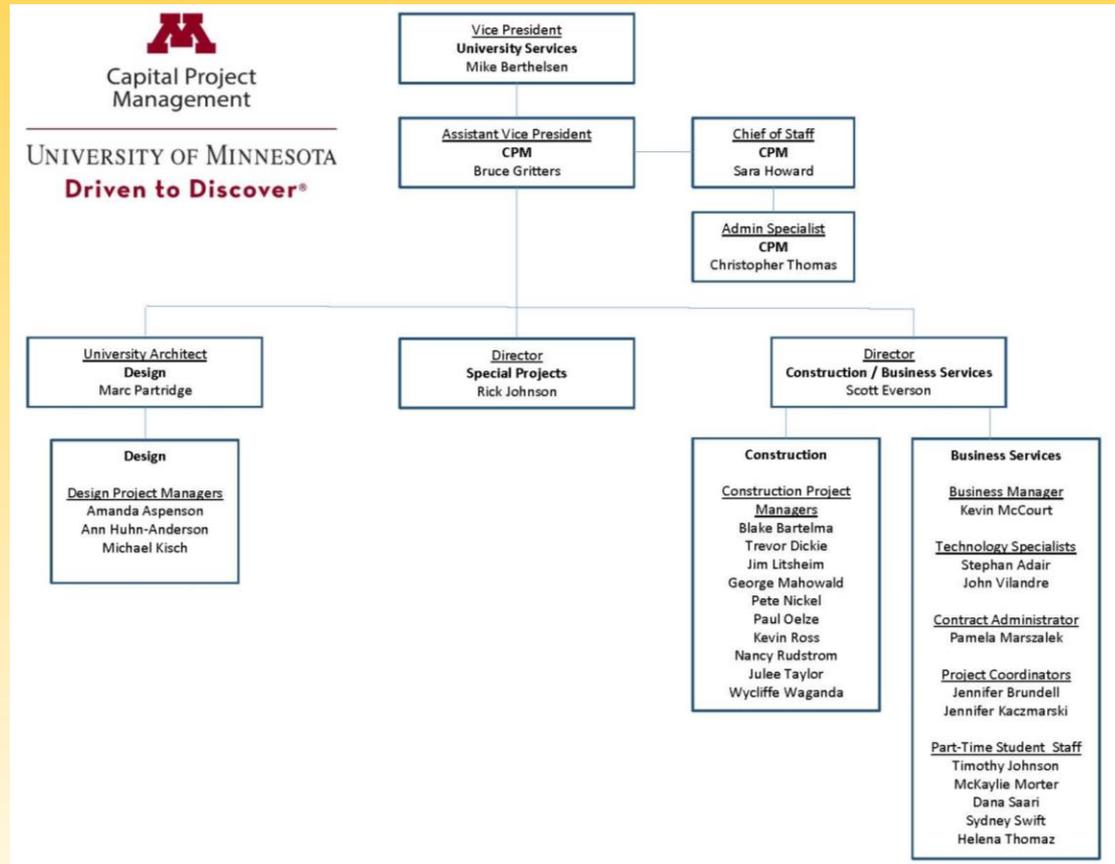
# Capital Project Management (CPM)

## CPM Design

**Our design team coordinates system-wide campus architecture and interiors.** Working inclusively with internal and external project teams, we advocate a University point of view toward campus design, integrating need, budget, and architectural quality.

## CPM Construction

**Our Construction Team manages and coordinates project construction.** Our construction managers collaborate with University and external partners to prepare and execute contracts and promote safety and excellence, ensuring projects are delivered within designed scope, schedule and budget.



# Capital Project Management

[CPM Home](#) [About CPM](#) [Project Portfolio](#) [Resource Center](#)



Imagine, Plan, and Build Spaces that Inspire.



About CPM



Request Services



Project Portfolio



Resource Center

# University Funding Sources

- Legislative Bonds
- Higher Education Asset Preservation and Replacement (HEAPR) Funds (State Bonds)
- Research Grants (NIH, NSF)
- Departmental Resources
- Facilities Management Renovation and Repair Funds (R&R)
- UM Foundation



# How We Work

## Selection Process

- For A&E, Misc. Consultants:
  - State Designer Selection Board (over \$2M)
  - Internal Selection Process – Competitive
  - Internal Selection – less/non-competitive (to \$100k)
- For General Contractors: CMaR, DB, etc...
  - Internal Selection Process – Competitive
  - Internal Selection – less/non-competitive (to \$250k)



# How We Work

## Product Selections

- *UMN Design Guidelines*
- *UMN Interiors Standards*
- UMN Construction Standards
- Facilities Management Operations Input
- A&E Specifications
- CPM Project Managers
- Contractors and Suppliers

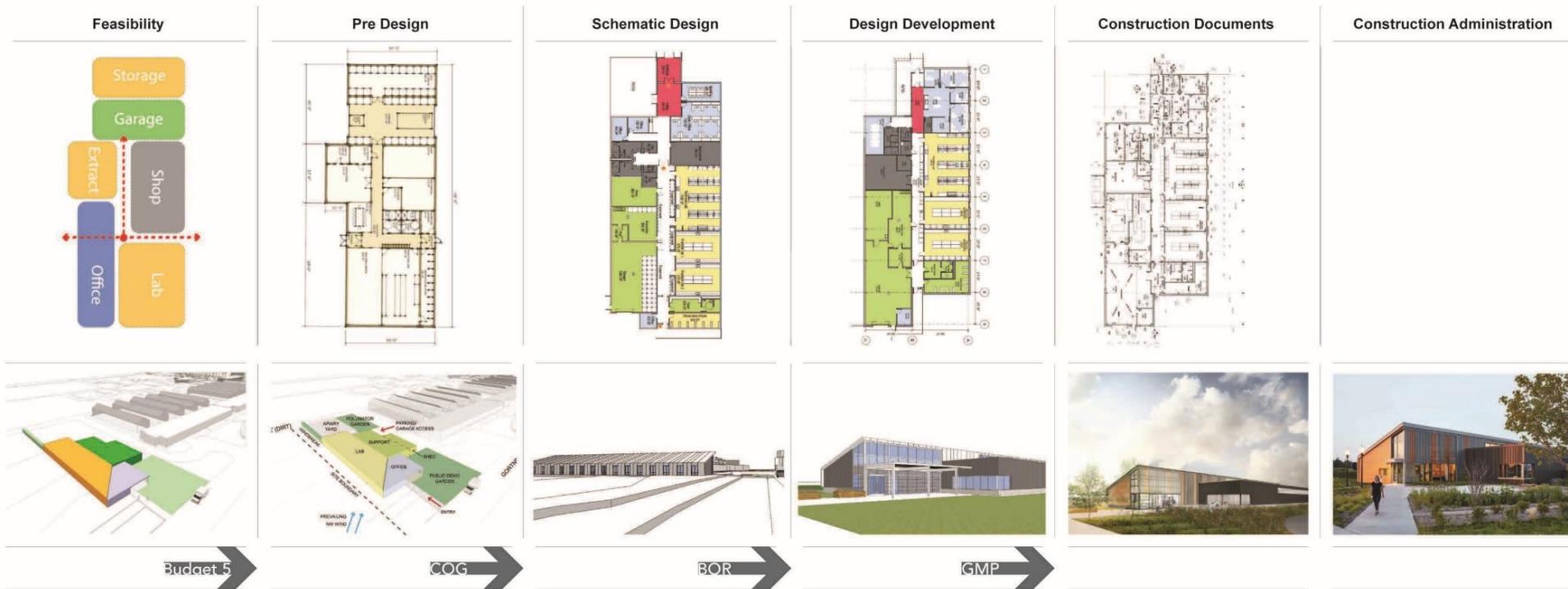
## Targeted Group Business Program

- Required for all projects greater than \$100k
- University Priority



# Phases of Project Development

## CPM Design Process Overview



# 2019 Capital Request (ACB)

HEAPR	\$200M
Child Development Replacement	\$42M
UMD A.B. Anderson Hall Capital Renewal	\$6.4M



# University 2020 Capital Request

- Approved by Board of Regents (October 2019)
- Annual Value range: \$200M–\$300M per year (all funds)
- Identified projects: 5
- Average value of identified projects: \$46M
- Major projects only, many smaller projects each year



# University Six Year Capital Plan

(Approved / in Predesign)

## 2020 Capital Request

HEAPR

Child Development Replacement

UMD Anderson Hall

Chemistry Undergraduate Teaching

Clinical Research Facility Design/Site Prep

St. Paul Capital Renewal



UNIVERSITY OF MINNESOTA

Driven to Discover<sup>SM</sup>

# Future Challenges

- University leadership change (President Designate Gabel) may shift priorities
- State funding reductions – Bonding less predictable
- Inflation/Escalation (UMD -5%>+5%)
- Aging infrastructure – Facilities Condition Assessment



Thank You!



UNIVERSITY OF MINNESOTA

**Driven to Discover<sup>SM</sup>**