The Timeline Framework for the Development Plan is depicted in the following four Phasing Maps and Chronological Timeline Summary chart. The most pressing campus needs are addressed during the first five years, including design and construction of the new Canning Center (now in programming) and the design and construction of the I and J Redevelopment Project. These projects also must be completed before several of the other Development Plan initiatives can be started (demolition of existing Buildings A, I and J).

The second five-year period is for those initiatives that are less critical to campus objectives. However, should any one of these projects become viable through partnership, donor gift or other similar opportunity, they may be undertaken sooner.

Through all ten years, improvements to existing campus buildings and grounds identified in the Facilities Conditions Assessment will be undertaken to minimize deferred maintenance. These projects are prioritized according to urgency of need, potential alternative funding opportunities or due to their relationship to the Development Plan.

PHASING

PREVIOUS CONSTRUCTION OUTSIDE BUILDING D
PHASING PLAN

EXISTING CAMPUS

PHASE 1 - ESTIMATED TIMELINE 3-5 YEARS FROM PLAN

- 2021-31: Infrastructure Planning
- 2021-22: Film Lecture Lab Facility In Building E
- 2021-22: Temporary Rideshare Location
- 2021-26: Student Center, University Center, Dining, Hospitality, Enhanced Entry Loop
- 2021-26: Initial Phase of New West Quadrangle

PHASE 2 - ESTIMATED TIMELINE 6-8 YEARS FROM PLAN

- 2021-22: Temporary Rideshare Location
- 2022-25: Filmed Lecture Lab
- 2022-25: Finished Rideshare Location
- 2022-25: Innovation Lab Connection to Building Y
- 2022-26: New East Quad
- 2021-26: Care Center (10, 10A, OR 10B)
- 2021-26: New Campus Entrance From Euclid Avenue
- 2021-26: Loop Road Improvements And Softball Field Relocation

PHASE 3 - ESTIMATED TIMELINE 10-12 YEARS FROM PLAN

- 2022-25: Temporary Rideshare Location
- 2022-25: Filmed Lecture Lab
- 2022-25: Finished Rideshare Location
- 2022-25: Innovation Lab Connection to Building Y
- 2022-26: New East Quad
- 2021-26: Care Center (10, 10A, OR 10B)
- 2021-26: New Campus Entrance From Euclid Avenue
- 2021-26: Loop Road Improvements And Softball Field Relocation

TIMELINE:

2021-22: 13 Project # 1: New Academic Complex, I + J
2022-25: 14 Project # 2: Demolished Building A
2022-26: 12 Project # 3: Completed New East Quad
2022-26: 10 Project # 4: New Building; Includes 'land bridge' to Building C
2021-26: 15 Project # 5: New Campus Entrance From Euclid Avenue
2021-26: 16 Project # 6: Loop Road Improvements And Softball Field Relocation

PROJECT # DESCRIPTION

1 New Academic Complex, I + J
2 Demolished Building A
3 Completed New East Quad
4 New Building; Includes ‘land bridge’ to Building C
5 New Campus Entrance From Euclid Avenue
6 Loop Road Improvements And Softball Field Relocation
7 Building A Used as Swing Space
8 Building C Renovation; Includes Bridge to Building D
9 Building L Renovation
10 Demolish Building A
11 New Building; Includes ‘land bridge’ to Building C
11A Planetarium Building Primary Option, Also Demolishes or Repurposes Existing Observatory (Secondary Option 11A: Incorporate into Building Z)
# PROJECTS: TIMELINE SUMMARY

<table>
<thead>
<tr>
<th>Timeline</th>
<th>Project #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021-2026: First Five Years</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2021-31</td>
<td>13</td>
<td>Infrastructure Improvement Projects</td>
</tr>
<tr>
<td>2021-22</td>
<td>14</td>
<td>Canning Center + University Center + Dining + Hospitality + Enhanced Entry Loop</td>
</tr>
<tr>
<td>2021-26</td>
<td>1, 2</td>
<td>Initial Phase of New West Quadrangle</td>
</tr>
<tr>
<td>2021-25</td>
<td>4, 5, 6</td>
<td>I+J Site Option 1: New Academic Complex - I+J Demolished</td>
</tr>
<tr>
<td>2021-25</td>
<td>14</td>
<td>Final Rideshare Location</td>
</tr>
<tr>
<td>2021-25</td>
<td>12</td>
<td>Build Innovation Lab Connection to Building Y</td>
</tr>
<tr>
<td>2021-26</td>
<td>10A or 10B</td>
<td>CHI Core Center</td>
</tr>
<tr>
<td>2021-26</td>
<td>15</td>
<td>New Campus Entrance from Euclid Avenue</td>
</tr>
<tr>
<td>2021-26</td>
<td>16 or 16A</td>
<td>Loop Road Improvements + Softball Field Relocation</td>
</tr>
<tr>
<td>2020-2031: Last Five Years</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>7</td>
<td>Building C Renovation; includes bridge to Building D</td>
</tr>
<tr>
<td>2020</td>
<td>8</td>
<td>Building F Renovation</td>
</tr>
<tr>
<td>2020</td>
<td>9</td>
<td>Building L Renovation</td>
</tr>
<tr>
<td>2020</td>
<td>12</td>
<td>Demolish Building A</td>
</tr>
<tr>
<td>2020</td>
<td>3</td>
<td>New Building for Student Collaboration, Meeting, Study</td>
</tr>
<tr>
<td>2030-31</td>
<td>11 A</td>
<td>Completion of New West Quadrangle</td>
</tr>
<tr>
<td>2030-31</td>
<td>11A</td>
<td>Planetarium Building (Option 11A: Incorporate in Building Z)</td>
</tr>
</tbody>
</table>

## PRELIMINARY ESTIMATED COSTS

<table>
<thead>
<tr>
<th>Project #</th>
<th>Construction $</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$37.3M*</td>
<td>Canning Center + University Center + Dining + Hospitality + Enhanced Entry Loop, Initial Phase of New West Quadrangle</td>
</tr>
<tr>
<td>3</td>
<td>$2.06**</td>
<td>Demolish Building A, temporarily resolve site context</td>
</tr>
<tr>
<td>3</td>
<td>$22.86**</td>
<td>New Building for Student Collaboration</td>
</tr>
<tr>
<td>3</td>
<td>$2.86**</td>
<td>New West Quadrangle and Landscaping south of Lake Harper</td>
</tr>
<tr>
<td>4</td>
<td>$79.4M**</td>
<td>New Academic Complex Including Innovation Lab – I+J demolished after completion of New Structure</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>New East Quadrangle</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>Rideshare Location (cost included in site development)</td>
</tr>
<tr>
<td>4, 12</td>
<td>$66.8M**</td>
<td>I+J Site - Option 2 (Secondary Option)</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Renovation of Building J (includes Swing Space in Building A)</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>Renovation of Building J (includes Swing Space in Building A)</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>Rideshare Location (cost included in site development)</td>
</tr>
<tr>
<td>7</td>
<td>$3.36**</td>
<td>Building C Renovation + Bridge to Buildings D and E</td>
</tr>
<tr>
<td>8</td>
<td>$4.40**</td>
<td>Building L Renovation</td>
</tr>
<tr>
<td>9</td>
<td>$24.75**</td>
<td>Building L Renovation</td>
</tr>
<tr>
<td>10</td>
<td>$2.86**</td>
<td>Child Care Center</td>
</tr>
<tr>
<td>11</td>
<td>$10.26**</td>
<td>Planetarium New Building with Observatory</td>
</tr>
<tr>
<td>11a</td>
<td>$1.56**</td>
<td>Planetarium Renovation / incorporate within Building Z (Secondary Option)</td>
</tr>
<tr>
<td>13</td>
<td>$1.56**</td>
<td>Film Lab Facility in Building E</td>
</tr>
<tr>
<td>15</td>
<td>$4.26**</td>
<td>New Campus Entrance from Euclid Avenue</td>
</tr>
<tr>
<td>16</td>
<td>$1.68**</td>
<td>Loop Road Improvements and Softball Field Relocation</td>
</tr>
</tbody>
</table>

** TOTAL: $296.8 – $318.0M **

Range represents the delta between I+J Site Options ($12.5M) + the delta between Planetarium Options ($8.7M)

---

* Includes all Project Costs, including those listed below
** Includes all Cost Calculations, including 13.5% Contractor's General Conditions, Overhead and Profit
*** Includes Authorization and the following general project costs (3% of total project cost):
  - Furniture, Fixtures and Equipment (10%)
  - Self-Performance Fees (3.5%)
  - Owner’s Administrative Costs (3.5%)
  - GEP Deduct / Incentives (2.5%)

* APPROVED BY BOARD OF TRUSTEES JUNE 16, 2021

Harper College Campus Master Plan