Neilson Library Construction

Open Forum, Weinstein Auditorium
October 24, 2017
Major
Project
Milestones

• **Summer 2017**: Relocation of books, salvage of existing millwork, and relocation of existing utilities
• **Fall/Winter 2017-18**: Demolition of library additions and interiors
• **Spring 2018**: New building foundations and structural steel
• **Fall 2018**: New building construction and interior fit-out
• **Fall 2020**: New Neilson opens
**Near-Term Construction**

Planned work will be coordinated with campus activities to the extent possible.

<table>
<thead>
<tr>
<th>Dates</th>
<th>Planned Construction</th>
<th>Academic Calendar</th>
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<tbody>
<tr>
<td>Nov. 9-16</td>
<td>Install sheet piles</td>
<td>Classes</td>
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<td>Nov. 17 – Dec. 14</td>
<td>Depressurization</td>
<td>Classes/Thanksgiving Break</td>
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<td>Dec. 15-18</td>
<td>Demolition of North Additions</td>
<td>Pre-exam Study Period</td>
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<td>Dec. 19-22</td>
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<td>Mid-year Exams</td>
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<td>Dec. 19 – Jan. 1</td>
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<td>Winter Recess</td>
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<td>Jan. 2-23</td>
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<td>Interterm</td>
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<td>Jan. 25 – Mar. 8</td>
<td>Demolition of South Additions</td>
<td>Classes</td>
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<tr>
<td>Mar. 9-18</td>
<td>Construction of Foundations and Structure</td>
<td>Spring Recess</td>
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Site Logistics

- Safety and security are paramount
- Site access considerations include trucks, vehicles, safe pedestrian routes, clear signage, and emergency access
- Consistent ongoing management of the construction perimeter and vehicle traffic is critical
Significant work has already been completed, including relocation of the following utilities:

- Fiber optic and communication systems
- Electrical distribution
- Water mains and fire services
- Chilled water piping
- Steam and condensate piping
Work to Date: New Utility Vault
Tree Protection

Significant efforts are being made to protect trees, particularly heritage trees.
Mitigation of Construction Impact

- Dust: Misting water jets will be utilized to keep dirt down and control dust
Mitigation of Construction Impact

- Trucks: Large numbers of trucks will be required to remove dirt and debris, as well as to bring in new materials.
- Traffic control and scheduling will be critical activities.
Mitigation of Construction Impact

- Noise: Heavy construction and demolition will require significant noise beginning in November 2017
- Coordination and communication will be critical
- The schedule will leverage breaks, weekends, and interterm for noisiest work, and efforts will be made to schedule around critical academic activities
- Some noise mitigation is possible, such as acoustic blankets and temporary sound walls
- Vibration monitoring equipment has been installed to manage construction in consideration of sensitive science equipment
- **Bottom line:** the demolition of Neilson will be noisy!
Who to Contact

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