Enterprise GIS Steering Committee Meeting

March 12, 2021
Agenda

Welcome and Introductions

Utilities Implementation

Aerial Survey

COVID Response

Online Campus Map

Accessibility Projects

Other Business
Utilities Implementation Schedule

<table>
<thead>
<tr>
<th>Service</th>
<th>FY 16-17</th>
<th>FY 17-18</th>
<th>FY 18-19</th>
<th>FY 19-20</th>
<th>FY 20-21</th>
<th>FY 21-22</th>
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<tbody>
<tr>
<td>Functional Requirements</td>
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<td>Stormwater</td>
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<td>Water Distribution Design</td>
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<td>Water Distribution Conversion</td>
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<tr>
<td>Chilled Water</td>
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<tr>
<td>Steam</td>
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<td>Electrical</td>
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<td>in-house</td>
<td>complete</td>
<td>in-house</td>
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<td>Natural Gas</td>
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</table>
Technical Working Group Activities

- Stormwater: Meets as needed
- Water Distribution: Completed initial functional requirements review
  Valve Isolation Trace ~Future Project
- Sanitary Sewer: Meets as needed
- Chilled Water
- Steam: Steam TWG is working through functional requirements
  Valve Isolation Trace ~Future Project
Electrical Distribution
Functional Requirements
& Data Migration
Aerial Survey

Ortho Imagery

LiDaR Point Cloud
COVID Response - Research Restart

https://go.ncsu.edu/restart-gisdashboard
COVID Response - Outdoor Spaces

https://facilities.ofa.ncsu.edu/coronavirus/
https://go.ncsu.edu/outdoor-tents-furniture-map
Online Campus Map

Enhancements

Add Interactive Toolbar with Selectable Layer Functionality

Choose New Layers for Online Campus Map Toolbar

Construction Impact Zones

Accessibility (Paths, Doors and Parking)

Aerial Imagery

Online Campus Map
Online Campus Map
Online Campus Map
Online Campus Map
Accessibility Goals Recap

Short-term

• Update the map data to current conditions.
• Provide in electronic format to campus community.
• Align with branding and other mapping efforts.

Long-term

• Prepare Accessibility data to be included on the online campus map.
Accessibility Projects

Maintained in GIS
Accessibility Projects

Data shown in both Online Campus Map and Printable Map
## Accessibility Projects

<table>
<thead>
<tr>
<th>Helm Student ID</th>
<th>003_1</th>
<th>Holiday Hall</th>
<th>Exterior Access Route</th>
<th>Cross slope 1:48 (0.20%)</th>
<th>Student Parking Lot</th>
<th>Est.</th>
<th>Priority 1</th>
<th>Program Access</th>
<th>Remodels</th>
<th>Estimated Cost of Barrier Removal</th>
<th>Project Management for the North Carolina State University</th>
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<tbody>
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<td>003_2</td>
<td></td>
<td>Holiday Hall</td>
<td>Curb Ramp</td>
<td>Running slope 1:15 (0.06%)</td>
<td>Left of Accessible Entrance</td>
<td>Est.</td>
<td>Priority 1</td>
<td>Program Access</td>
<td>Remedies</td>
<td>Estimated Cost of Barrier Removal</td>
<td>Project Management for the North Carolina State University</td>
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<tr>
<td>003_3</td>
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<td>Holiday Hall</td>
<td>Curb Ramp</td>
<td>Transition from curb ramp to street not flush</td>
<td>Left of Accessible Entrance</td>
<td>Est.</td>
<td>Priority 1</td>
<td>Program Access</td>
<td>Remedies</td>
<td>Estimated Cost of Barrier Removal</td>
<td>Project Management for the North Carolina State University</td>
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<tr>
<td>003_4</td>
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<td>Holiday Hall</td>
<td>Off Street Parking Area</td>
<td>Total # of parking spaces</td>
<td>Parking South of Accessible Entrance</td>
<td>Est.</td>
<td>Priority 1</td>
<td>Program Access</td>
<td>Remedies</td>
<td>Estimated Cost of Barrier Removal</td>
<td>Project Management for the North Carolina State University</td>
</tr>
</tbody>
</table>

### Locate Exterior IHCD Data Points
Accessibility Projects

Locate Exterior IHCD Data Points
Accessibility Projects

Locate Exterior IHCD Data Points
Other Business