

## **ENTERPRISE GEOGRAPHIC INFORMATION SYSTEMS STEERING COMMITTEE**

**Friday, March 12, 2021**

**via Zoom**

**1:30 PM – 2:30 PM**

### **Invitees**

Andy Snead <[alsnead@ncsu.edu](mailto:alsnead@ncsu.edu)>

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### **Welcome and Introductions**

The previous GIS Manager has left the university. The open position has now been redefined as a GIS Administrator and a search is underway.

### **Utilities Implementation:**

*[See presentation for updated Utilities Implementation Schedule timeline.]*

The committee asked what “complete” means. Answer: the data has been transferred from CAD to GIS as the source of record, but not all the data fields have been populated.

### **Technical Working Group Activities**

*[See presentation for list of groups and activities.]*

### **FY 2020-2021 projects – Electrical Functional Requirements and Data Migration**

Functional Requirements have been completed. Data Migration project will start in March.

### **Aerial Survey**

A recap of the data deliverables from the 2020 aerial survey was presented. The committee asked if this data could be used to check the slopes of accessible paths. Answer: the point cloud data is useful for such an analysis, but has not yet been performed.

### **Electrical Distribution Project Support**

An overview was presented concerning the use of tree locations provided in the aerial survey mentioned above, along with tree information from the ArborPro database that is used by Grounds, to provide accurate tree location information that impacts Phase 1 of this project.

## **COVID Response (Research Restart & Outdoor Spaces Map)**

An overview was presented of the GIS dashboard that was created to assist in tracking the restart of research buildings for the Fall 2020 semester. Also presented the interactive Outdoor Spaces Map produced in partnership with Grounds which shows outdoor locations and photos of furniture and tent installations that provide enhanced social distancing.

## **Online Campus Map**

A recap of the enhancement goals for this map was presented, along with screenshots demonstrating their implementation. This project was completed in 2020.

## **Accessibility Projects - Mapping and IHCD**

A recap of the short and long term goals for accessibility data from last year was presented, as well as screenshots showing how this data is now maintained in GIS and deployed to the Online Campus map, as well as to downloadable and printable PDF maps. Then an overview of the mapping of survey points completed by the Institute for Human Centered Design was shown. Exterior paths and door entrances have been prioritized first.

## **Other Business**

The committee asked if the future valve shutoff projects would include interior shutoff for buildings. Answer: The GIS would primarily handle exterior valve shutoffs. FM:Interact has been set-up to handle interior shutoffs but the project was not completed due to turn over in Building Maintenance & Operations. There was a discussion of current procedures and challenges with after-hours situations involving valve shutoffs inside and outside buildings.

There was discussion of the upcoming Electrical Utilities Upgrade across campus and using GIS to help with the timely communication of important information and project impacts. An example discussed included enhancing the Construction Zone Impact map with more specific date and impact location information; perhaps construction cams. Campus Communications is involved. Utilities & Engineering is handling most of the mapping for this effort.

There was discussion of getting feedback from the upcoming Physical Master Plan project as to what additional features should be included on the Online Campus Map.

**Next Meeting: February 2022**