Enterprise GIS
Steering Committee Meeting

March 12, 2021

Agenda

Welcome and Introductions

Utilities Implementation
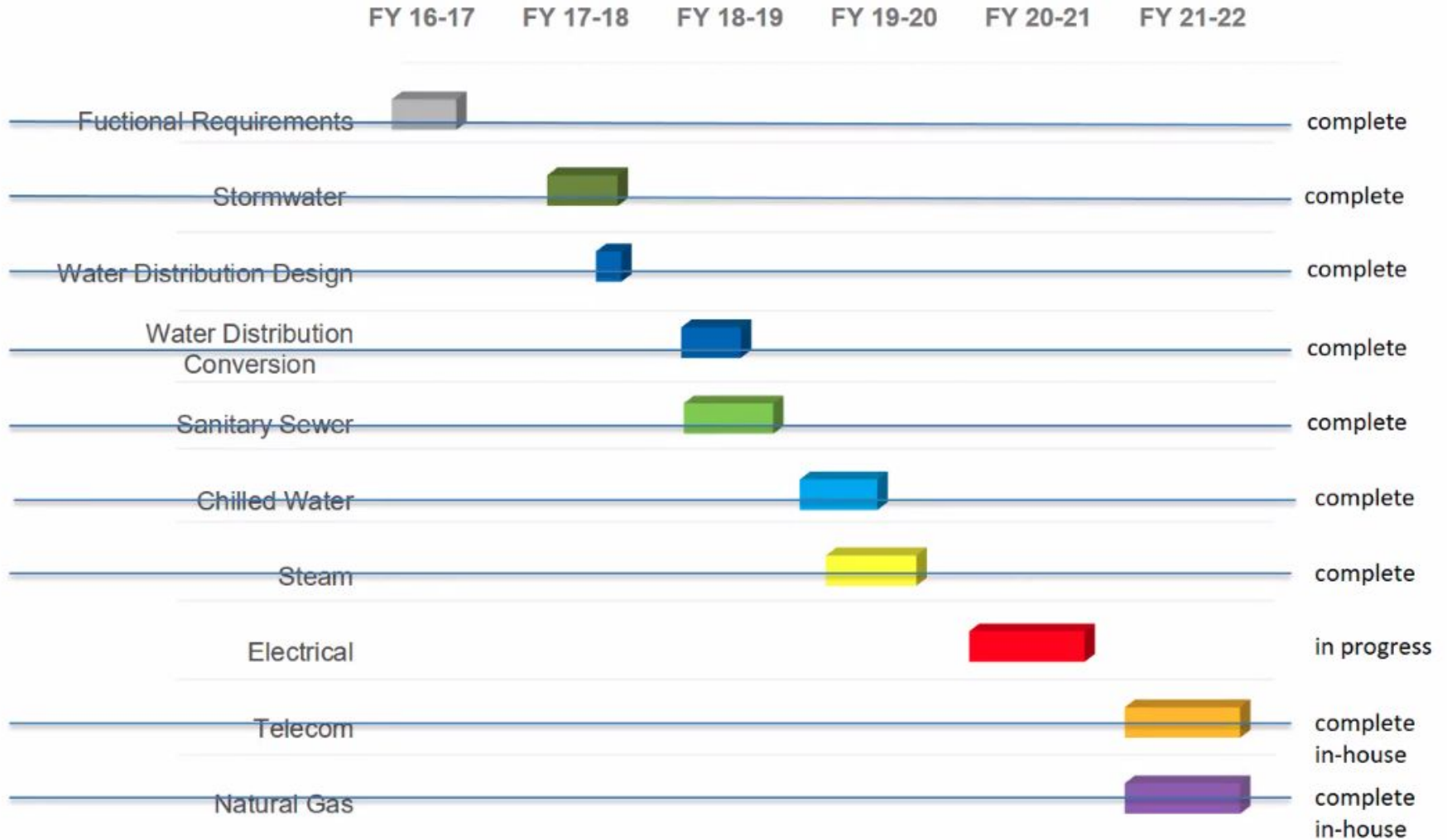
Aerial Survey

COVID Response

Online Campus Map

Accessibility Projects

Other Business

Utilities Implementation Schedule

Technical Working Group Activities

Stormwater

Meets as needed

Water Distribution

Completed initial functional requirements review
Valve Isolation Trace ~Future Project
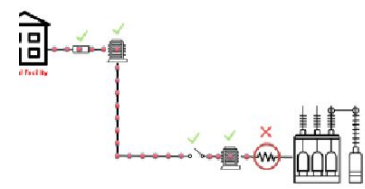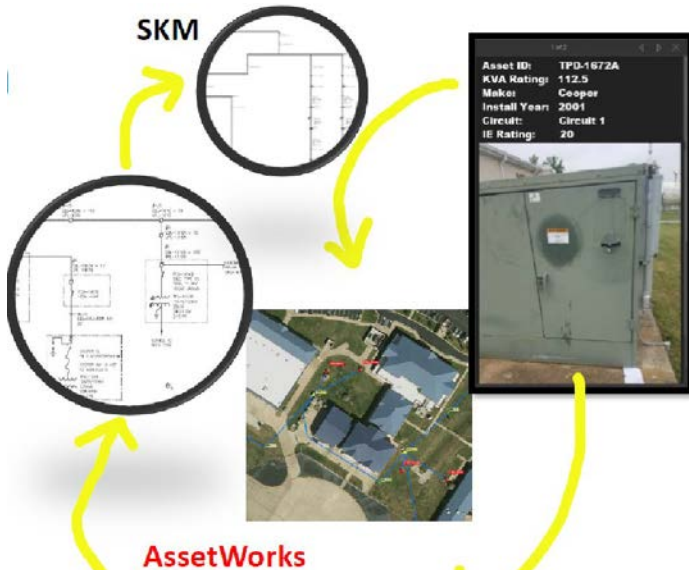
Sanitary Sewer

Meets as needed

Chilled Water   **Steam**

Steam TWG is working through functional requirements
Valve Isolation Trace ~Future Project

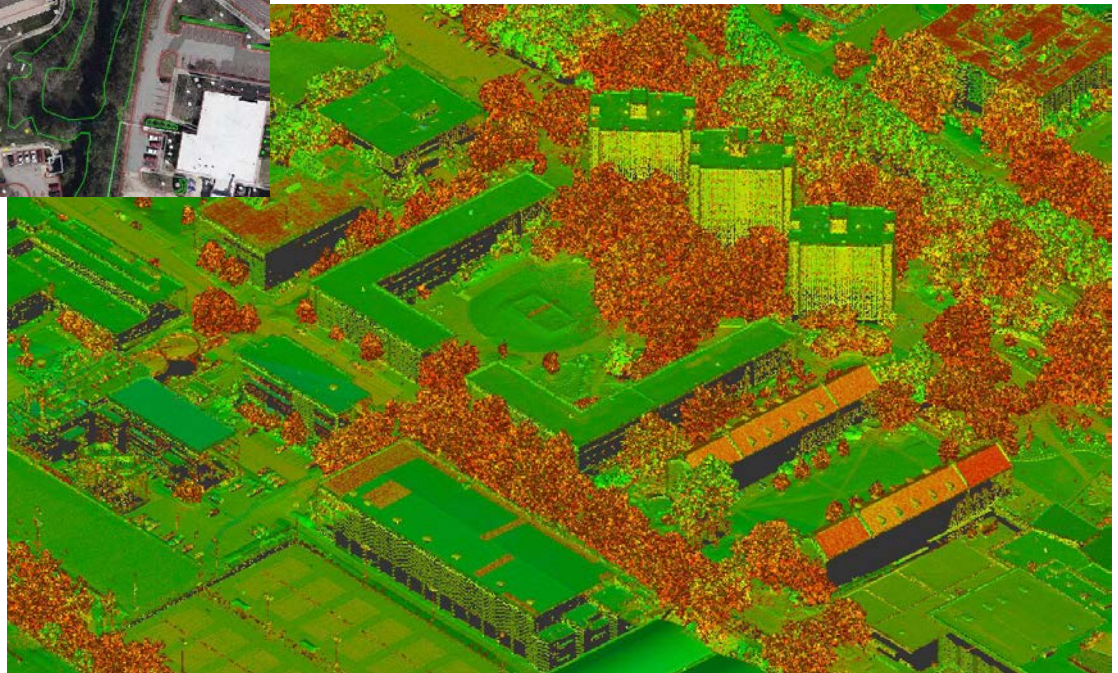# Electrical Distribution Functional Requirements & Data Migration

Analysis – Capital Planning – PM Programs – ArcFlash –
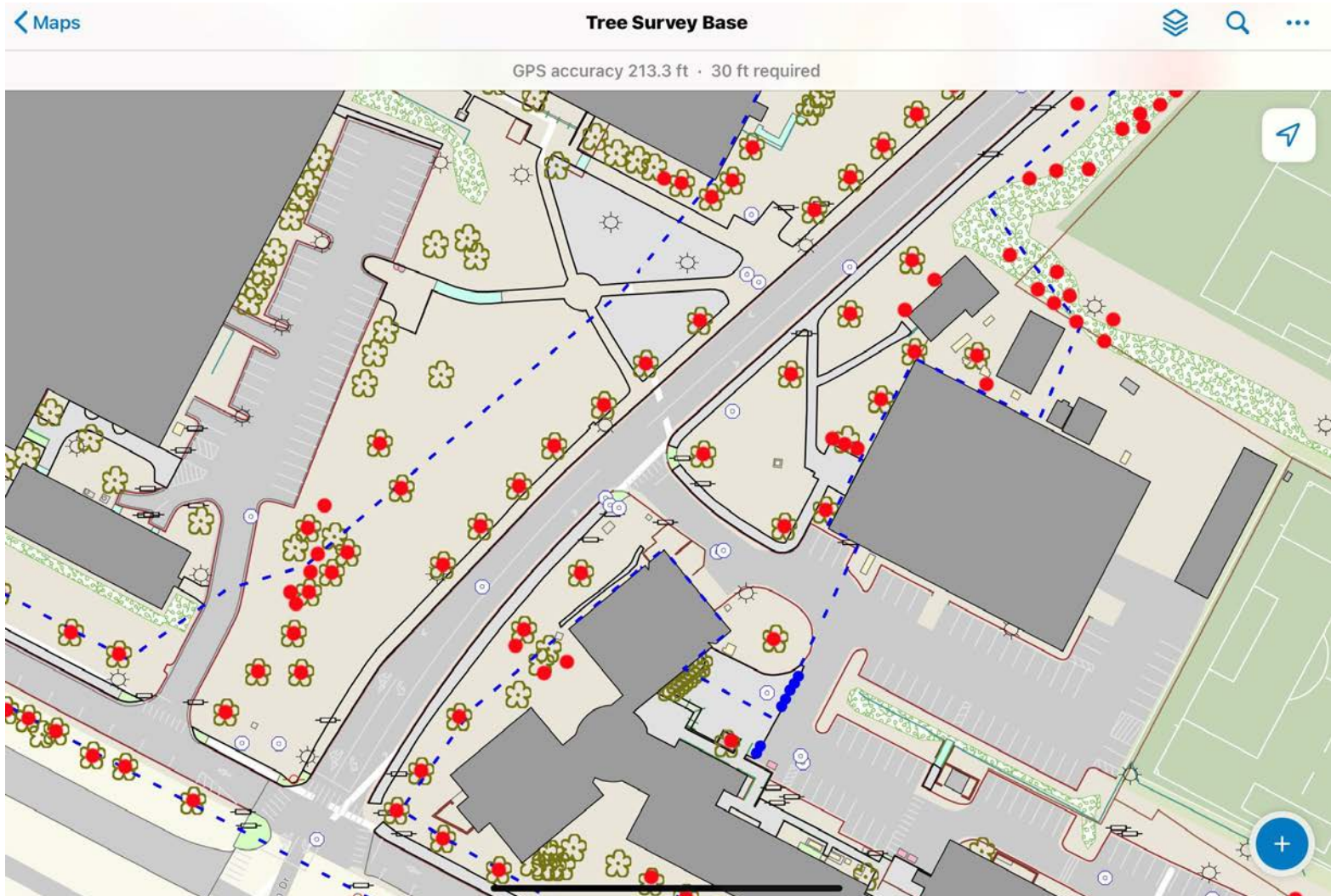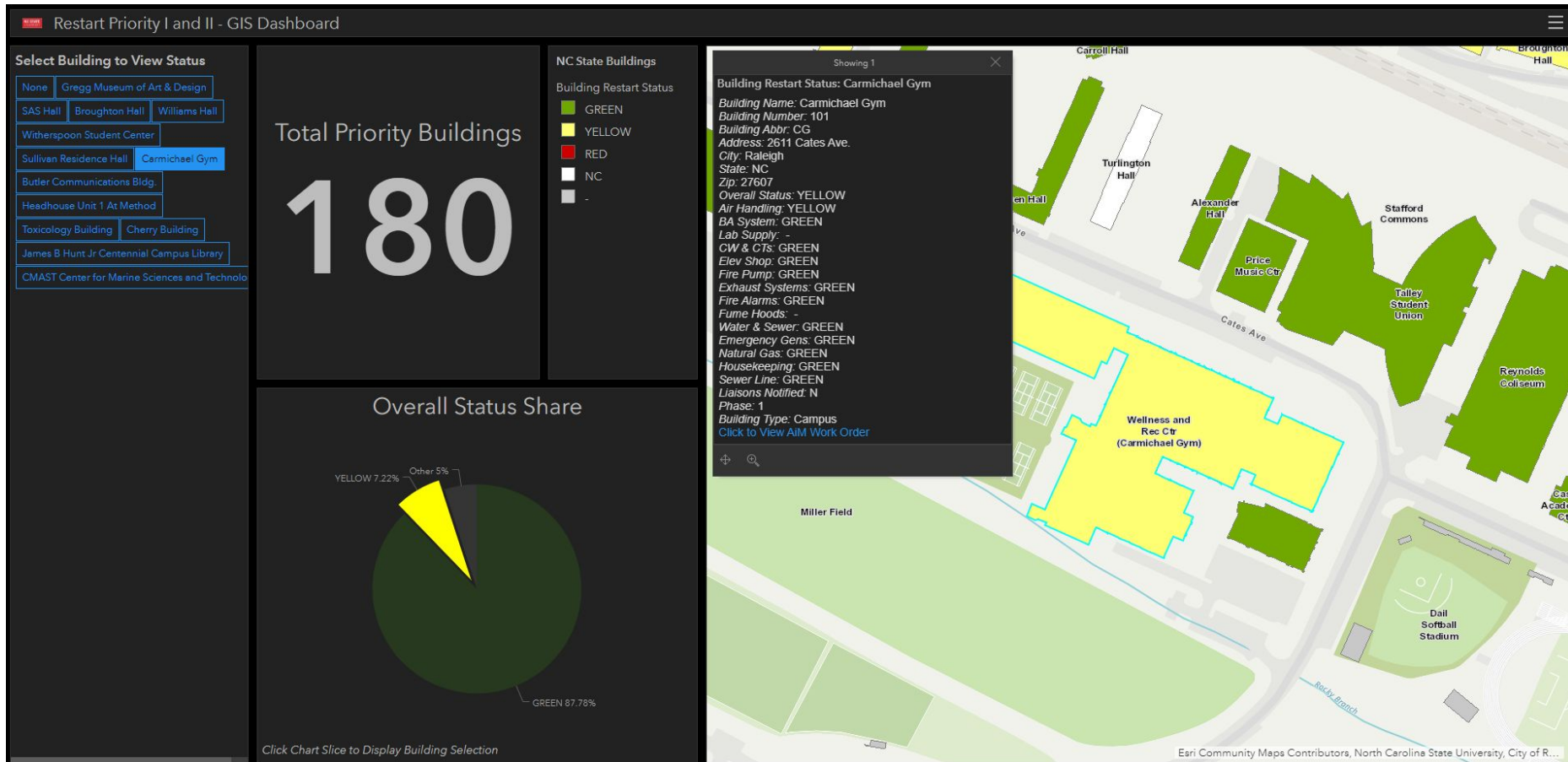Modeling – Construction Management – Risk Analysis

Aerial Survey

LiDaR Point Cloud

Ortho Imagery

Electrical Distribution Upgrade Support

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
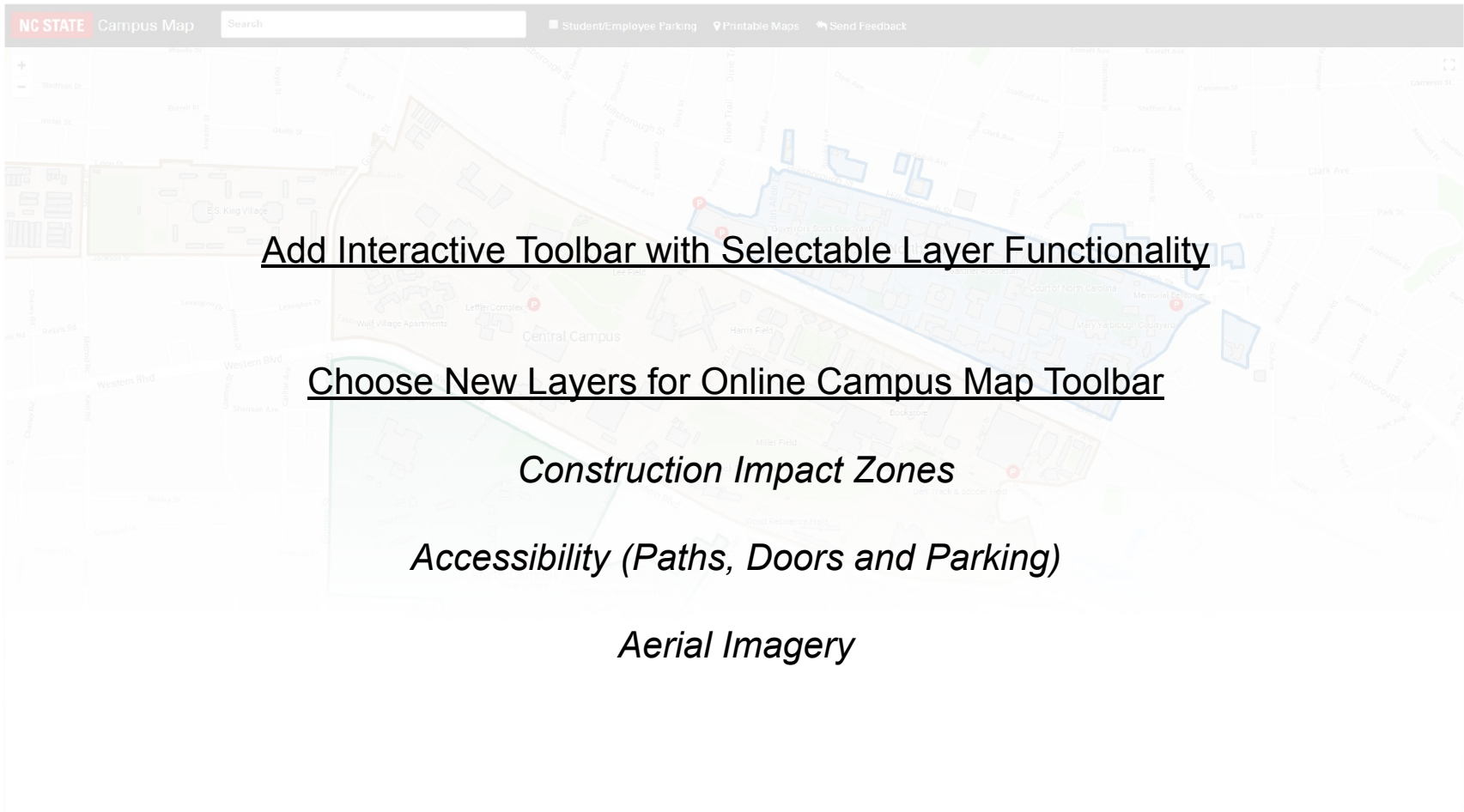
Add Interactive Toolbar with Selectable Layer Functionality
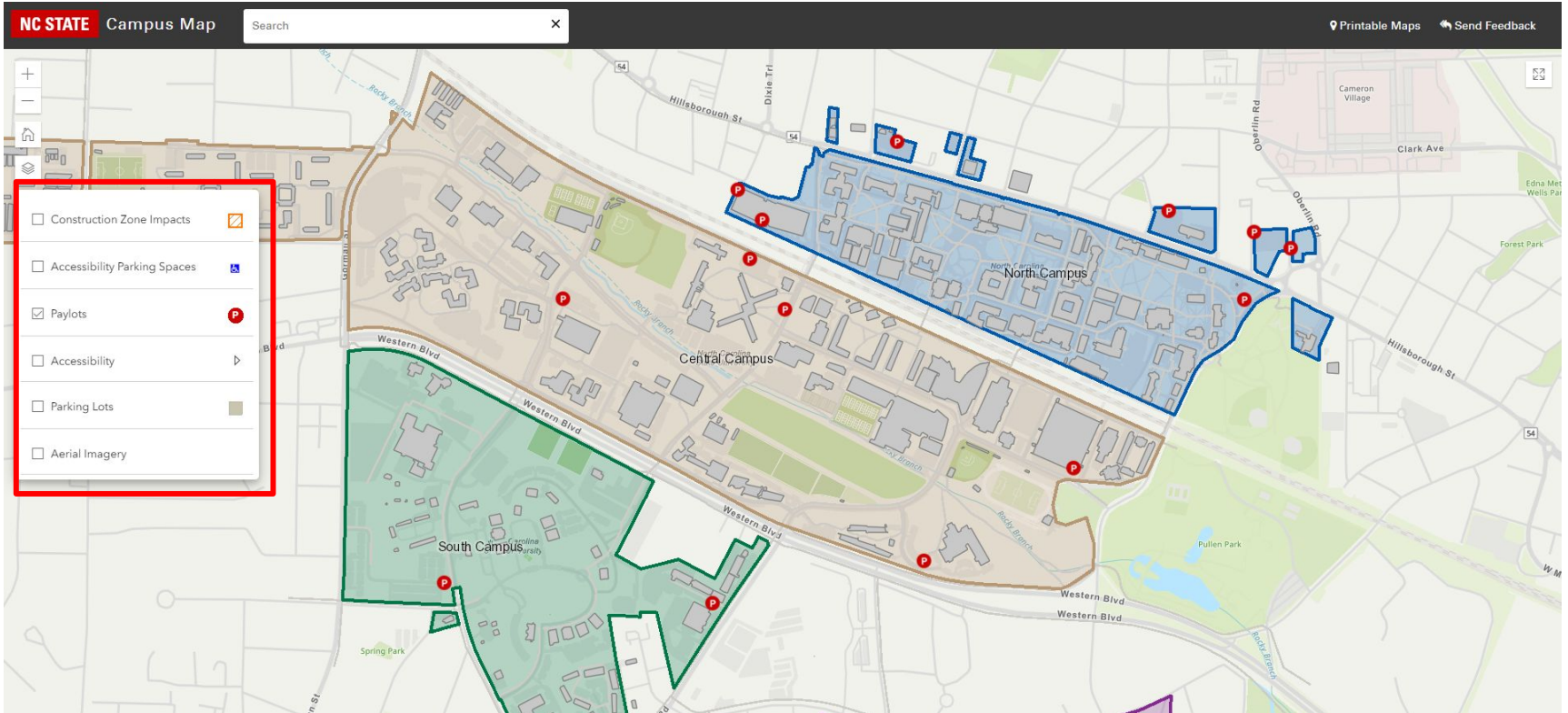
Choose New Layers for Online Campus Map Toolbar

Construction Impact Zones
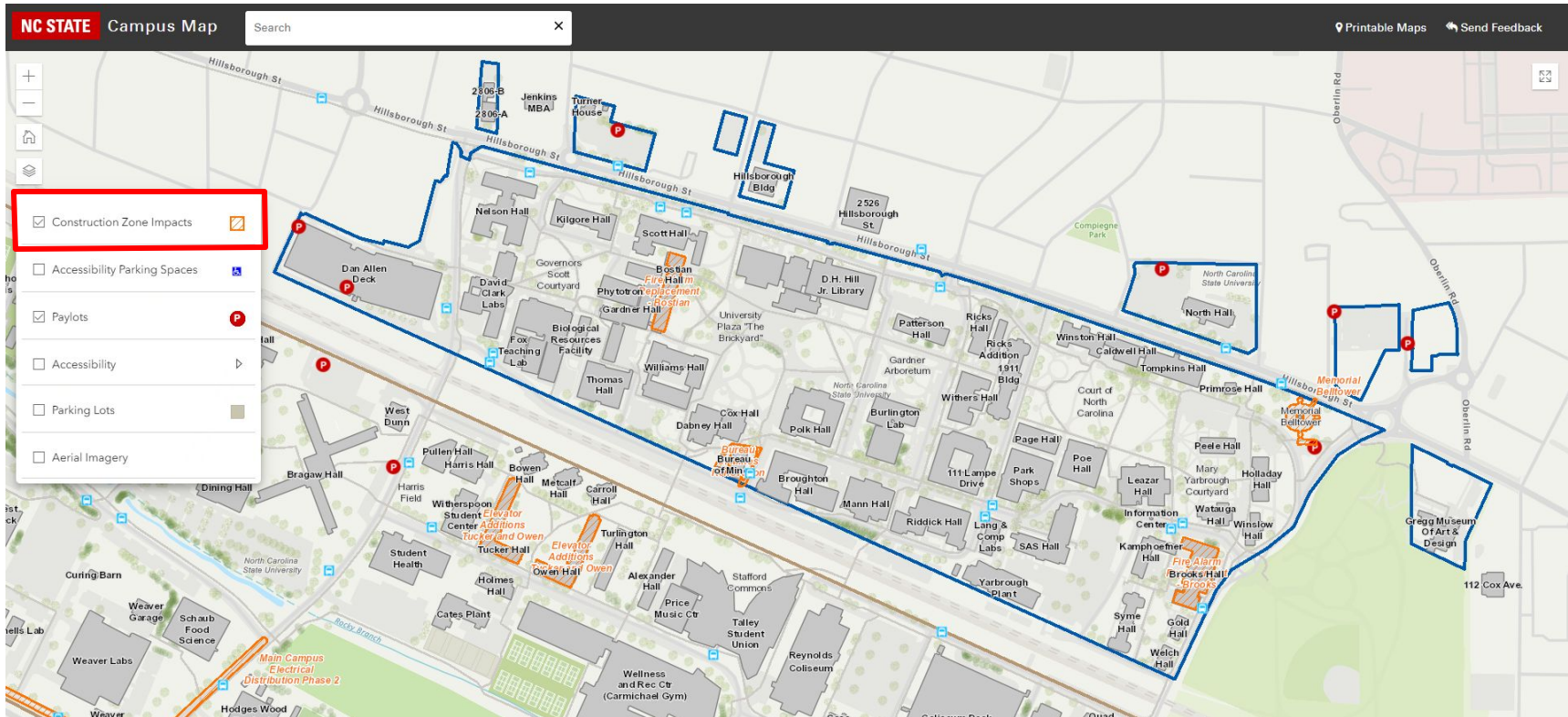
Accessibility (Paths, Doors and Parking)
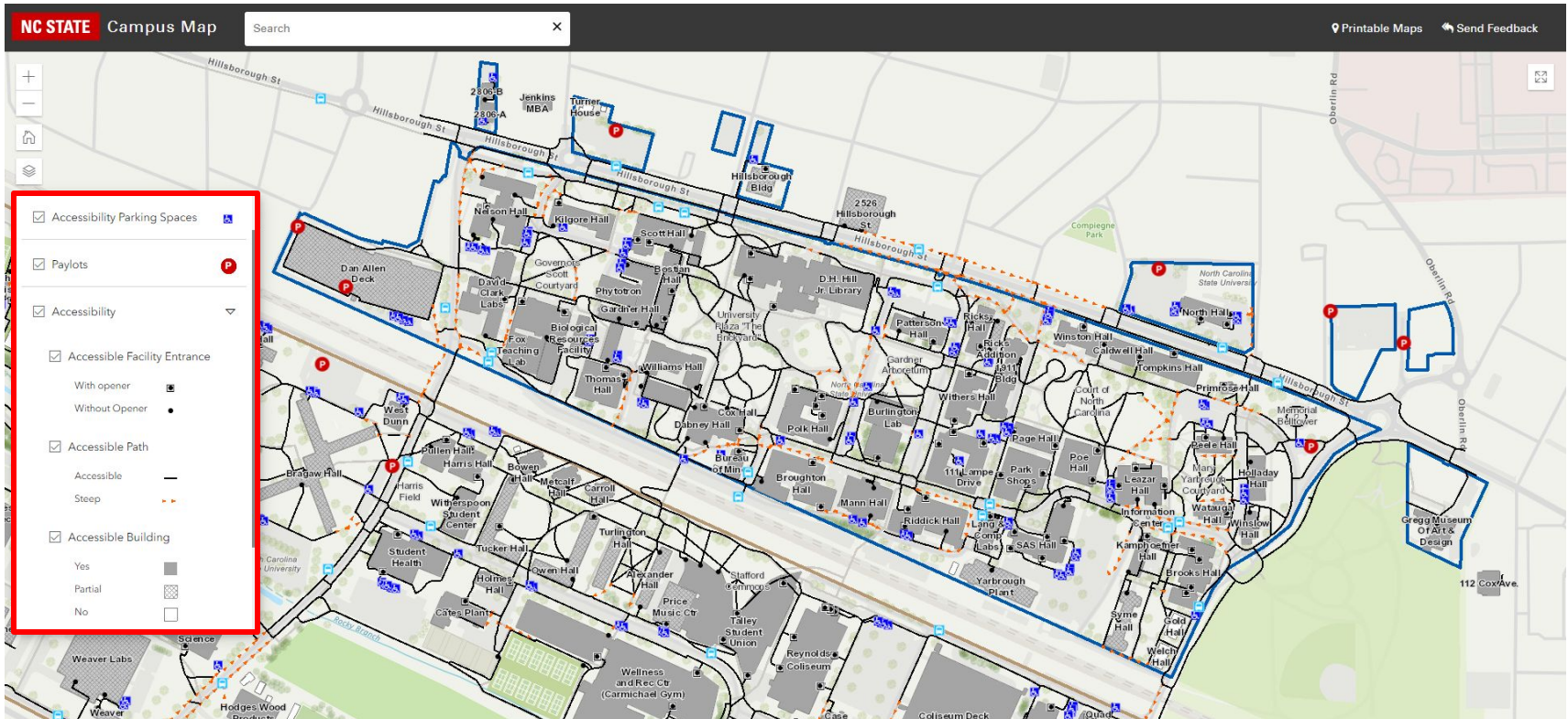
Aerial Imagery

Online Campus Map

Online Campus Map

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Online Campus Map

NC STATE UNIVERSITY

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
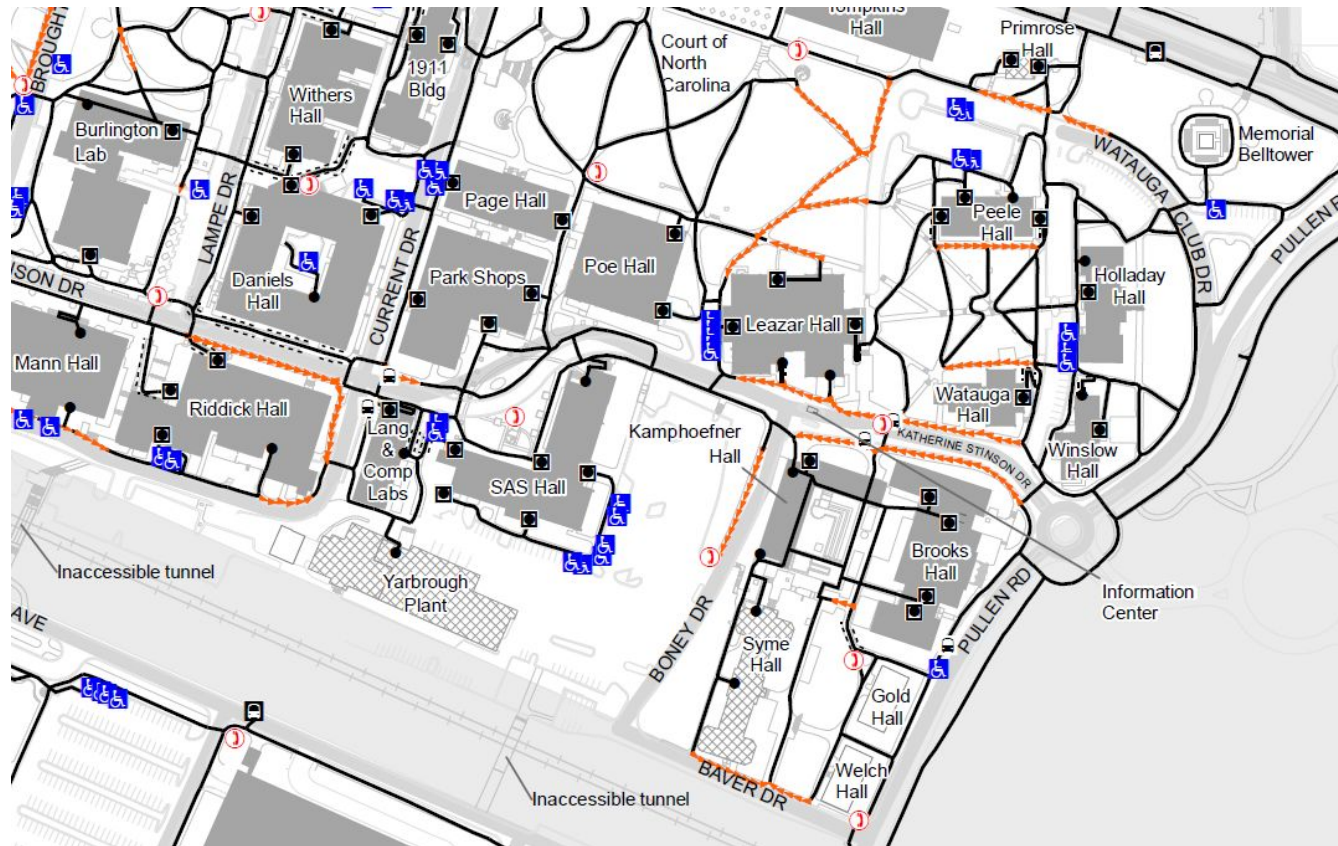
Data shown in both Online Campus Map and Printable Map

Accessibility Projects

unique_ID	IHCD ID	Photos	Bldg. #	Facility Name	Element	Issue/Physical Barrier	Location	Fl.	Rm.	Priority	Priority for Corrective Action	Remedies	Quantity	Estimated Cost of Barrier Removal	Project Start Date	Project Completion Date	Responsible for Barrier Removal
							Information Provided by Institute for Human Centered Design								Project Management for the North Carolina State University		
003_1	1		003	Holladay Hall	A. Exterior Access Route	F. Cross slope > 1:48 (2.08%)	Towards Larger Parking Lot	Ext.		Priority 1	Program Access	Reduce cross slope to be no steeper than 1:48 (2.08%). (Cross slope correction may require further study.)	1	$0			
003_2	2		003	Holladay Hall	B. Curb Ramp	D. Running slope > 1:12 (8.33%)	Right-Most Accessible Car Space	Ext.		Priority 1	Program Access	Reduce running slope to be no steeper than 1:12 (8.33%). (Running slope correction may require further study.)	1	$0			
003_3	3		003	Holladay Hall	B. Curb Ramp	E. Transition from curb ramp to street not flush	Left of Accessible Entrance	Ext.		Priority 1	Program Access	Ensure transition from curb ramp to street is flush or free of changes in level.	1	$85			
003_4	4		003	Holladay Hall	C. Off-Street Parking Lot or Garage	A. Total # of parking B. Total # of designated accessible parking spaces C. Total # of designated van accessible spaces P. Sign does not have the designation "Van Accessible"	Parking South of Accessible Entrance	Ext.		Priority 1	Program Access	Add the designation "Van Accessible" to the sign located at the van accessible space.	1	$250			

Locate Exterior IHCD Data Points

Accessibility Projects

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Accessibility Projects

Locate Exterior IHCD Data Points

Other Business