

Enterprise GIS Steering Committee Meeting

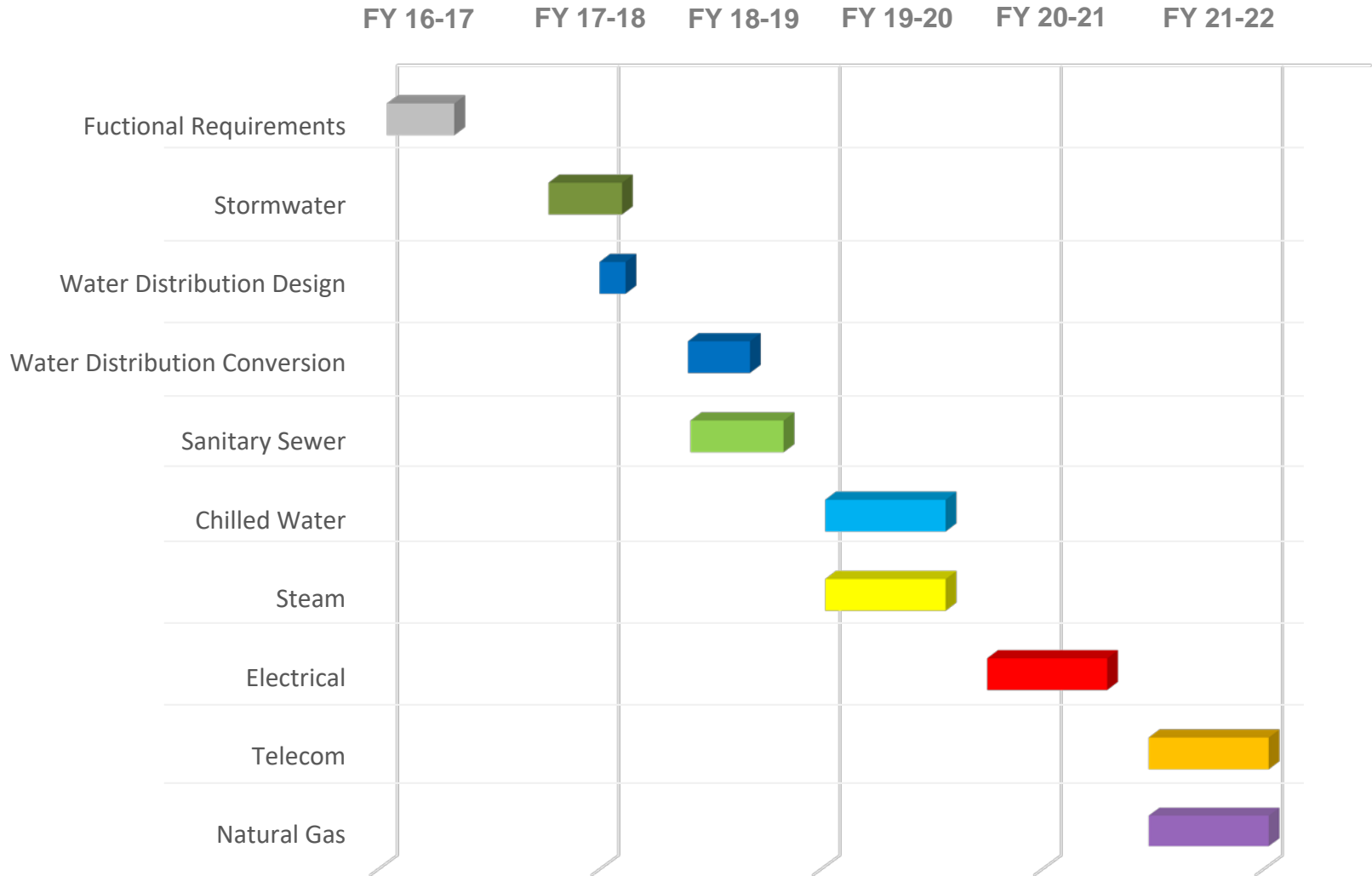
February 8, 2019

Agenda

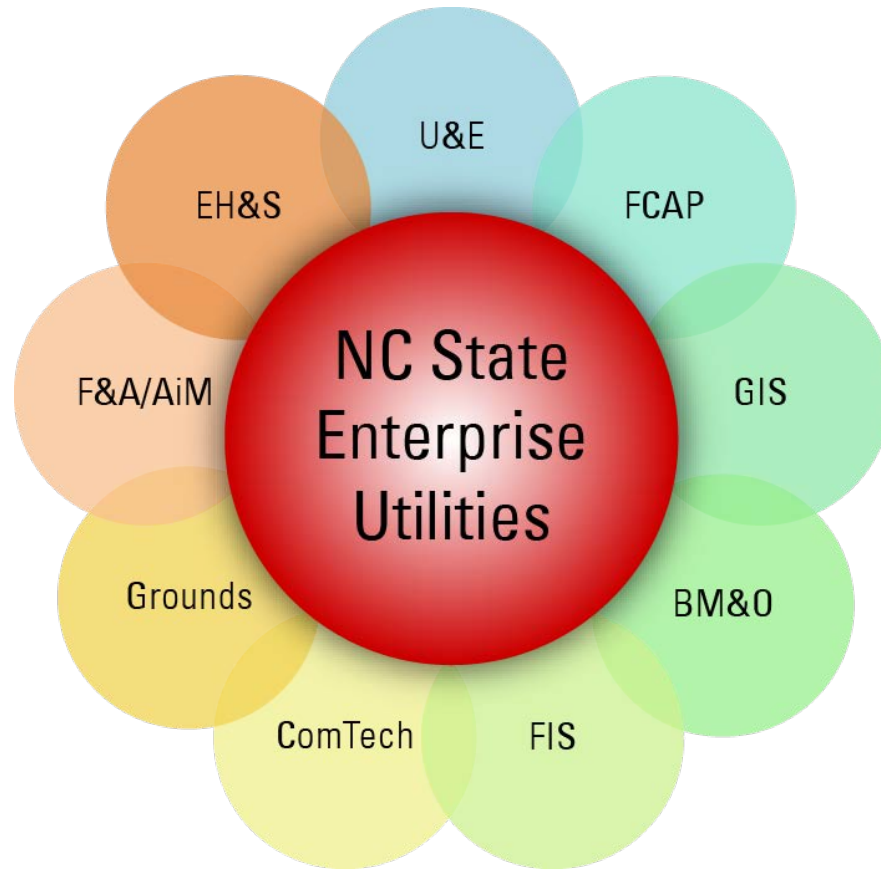
- 1. Welcome and introductions**
- 2. Utilities Implementation**
- 3. Developing Initiatives**
- 4. Other Business**
- 5. Next Meeting: August 2019**

Utilities Implementation

Schedule



Enterprise GIS – Utilities Data Partners



Stormwater Data

Stormwater Working Group

Energy Systems
Andrew Futrell

Data Owner
Lead Geometry Editor

Environmental Health and Safety
Karen Trimberger

Permitting Subject Matter Expert
Information Editor

Grounds Services
Steve Ratzlaff

Stormwater Control Measure
Subject Matter Expert
Information Editor

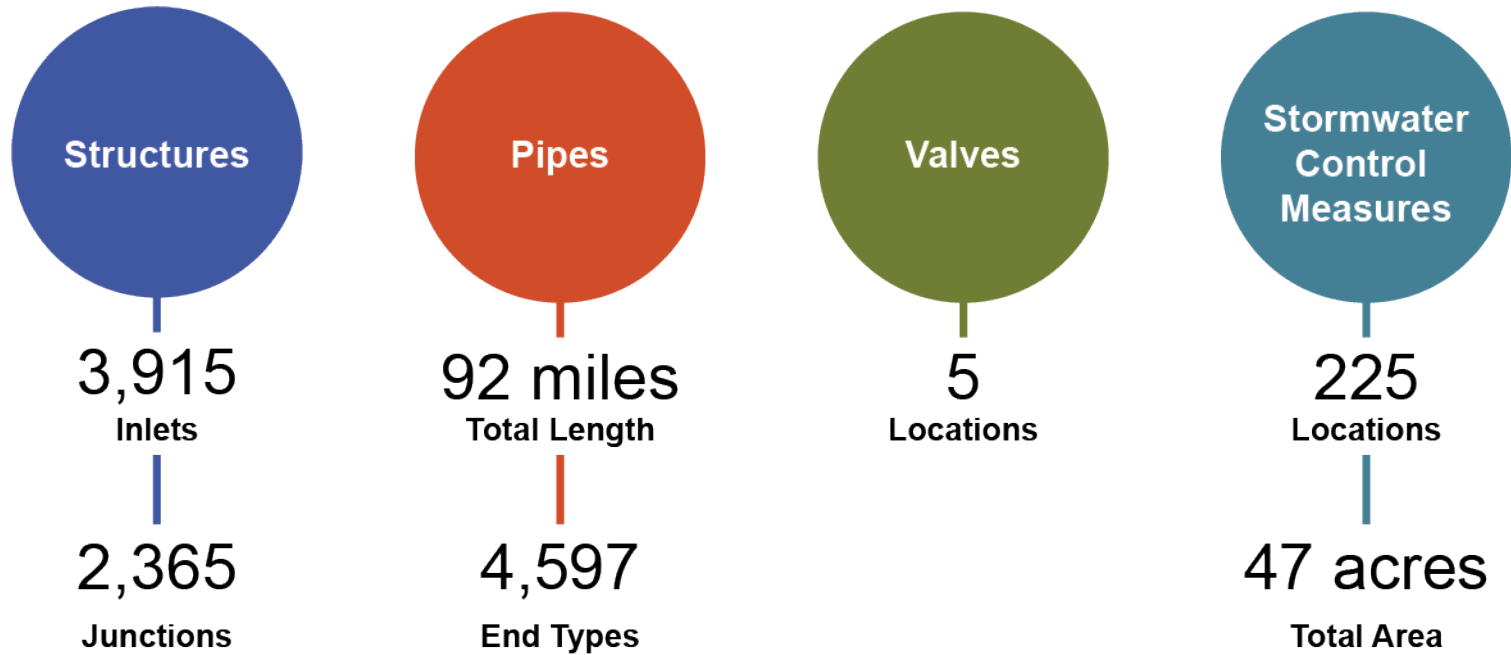
Office of the University Architect
Heath Huovinen

Survey Subject Matter Expert
Secondary Geometry Editor

Enterprise GIS Group
Data Administrator
Technical Support

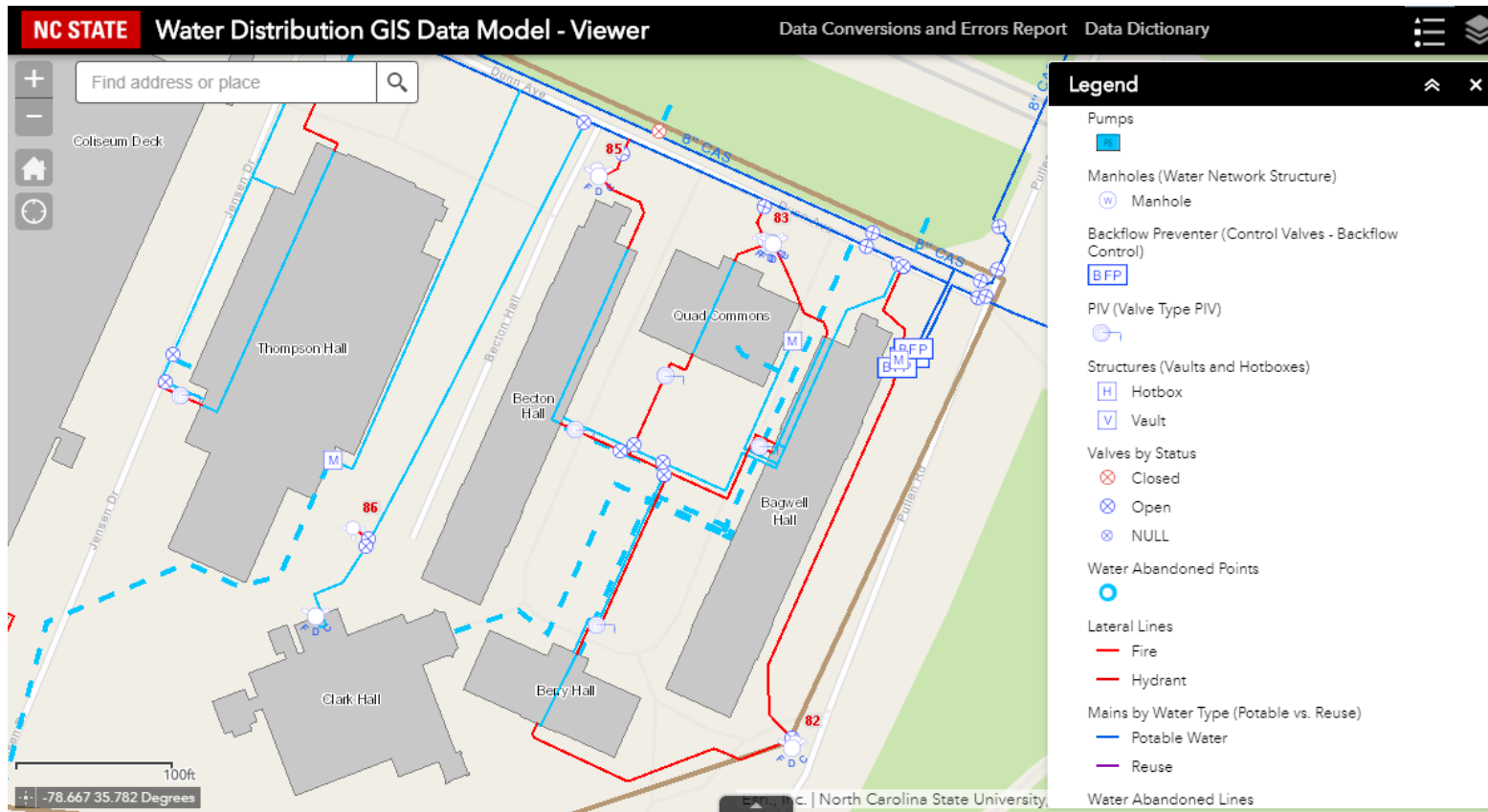


Stormwater Data



Utilities Implementation

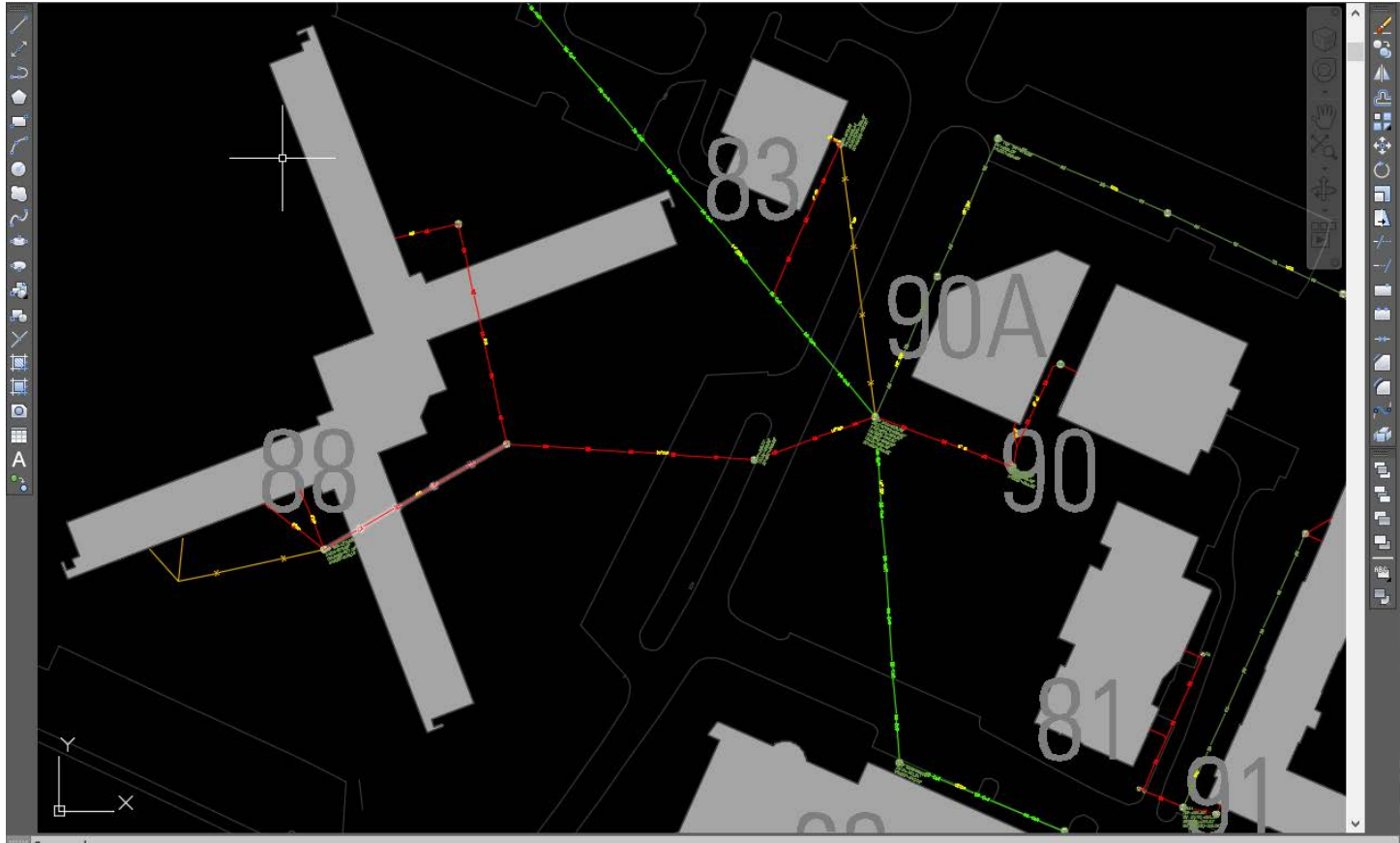
FY 2018-2019 projects
Water Distribution



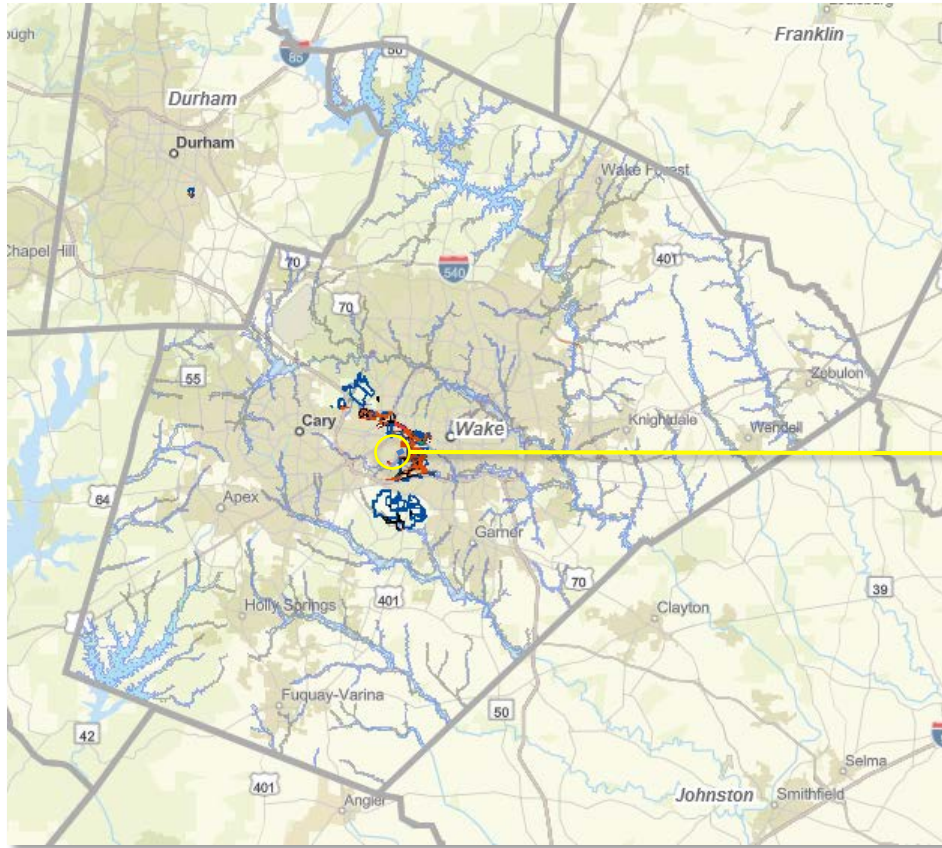
<https://ncsugisweb.oit.ncsu.edu/ncstate-waterdistribution-viewer/>

Utilities Implementation

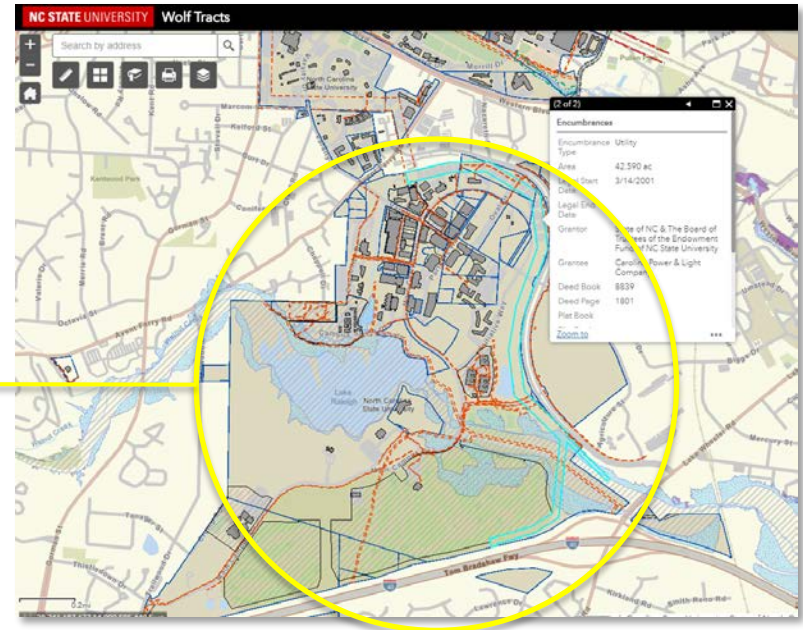
FY 2018-2019 projects
Sanitary Sewer



Wolf Tracts Web App



Web Application for Viewing Land Records

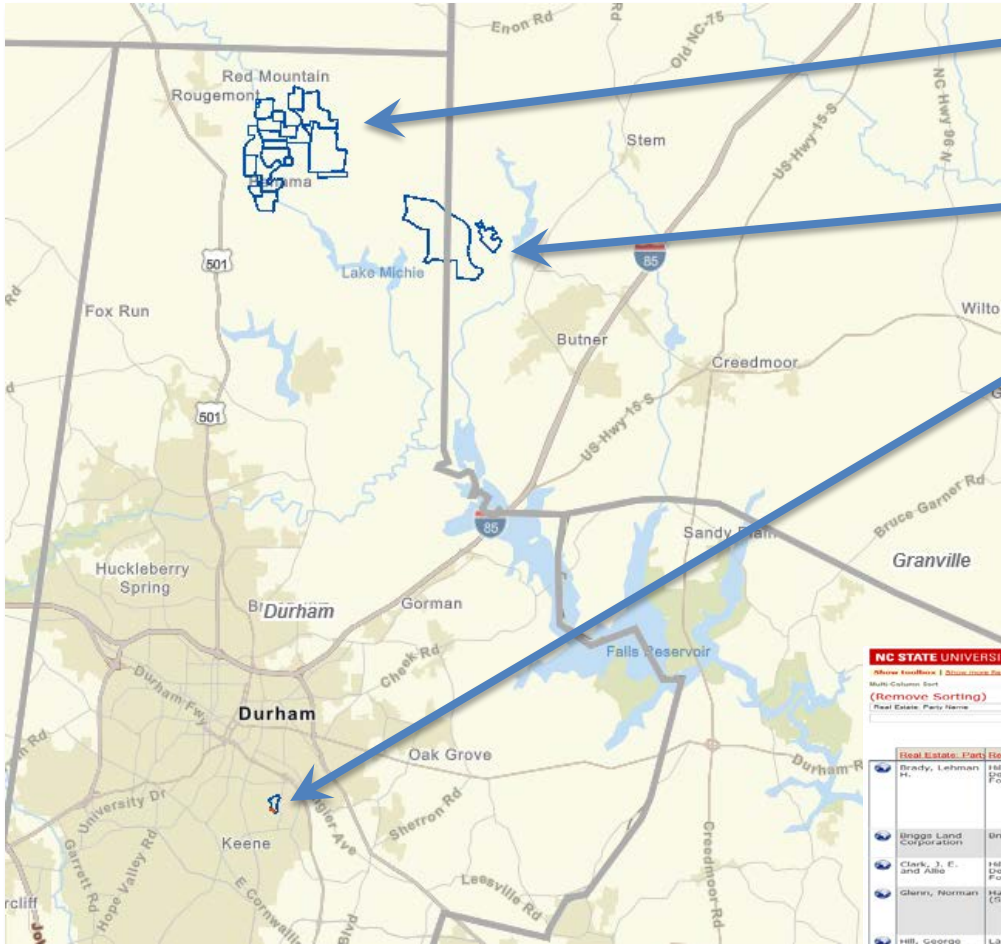


Wake County Progress

- 166 Parcels mapped, Wake County Totaling 4,832 acres
- Reconciled with 212 records in AERES
- 139 Easements mapped to date
- 33 Leases mapped for Wake County
- 1 Land use restriction
- 1 Cemetery

<https://ncsugisweb.oit.ncsu.edu/wolftracts>

Wolf Tracts Progress to Date



Hill Demonstration Forest
2,483 acres

Butner Beef Cattle Field Laboratory
1,310 acres

Briggs Ave. Community Garden
45 acres

TOTAL AREA
~3,838 acres

Reconciled with records in AERES

NC STATE UNIVERSITY Dashboard Plan Room: Search Manage Reports Links

Information: All records shown on this page: 12 records matched your query: [View hidden rows](#)

Real Estate: Part	Real Estate: Prop	Real Estate: Prop	Real Estate: Prop	Real Estate: SFC	Real Estate: SFC	Real Estate: SFC	Real Estate: Comments	Real Estate: Tran
Brady, Lehman H.	Hill Demonstration Forest	Bahama	Durham	32-010.013	14		State of North Carolina (plaintiff) vs. Norman H. Brady, Individually and as Trustee (Defendants). The State of North Carolina was entitled to acquire land in Hill Demonstration Forest.	Deed
Briggs Land Corporation	Briggs Avenue	Durham	Durham				Gift of land from the Briggs Land Corporation to the NC Agricultural Foundation.	Deed
Clark, J. E. and Alice	Hill Demonstration Forest	Mangum Township	Durham	32-010.004	5			Deed
Glavin, Norman	Hampson Rd (CR 1603)	Mangum Township	Durham	32-0100003	1	2	Transfer of deed to Norman Glavin. These 2 small tracts of land were the road and property belonging to W. Gerv.	Deed
Hill, George Watts & Ann McCulloch	Land near Flat River	Durham	Durham	32-010	1			Deed
Hill, George Watts and Ann McCulloch	Hill Demonstration Forest	Bahama	Durham	32-010.001	2		Deed of Release filed in 1989 released NCSU from the property restrictions outlined in the 1930 deed. Original deed in 1930 granted RCUU 276.3 acres of Hill Demonstration Forest land, including access to land, pasturing and water rights. Deed filed in 1983 for George Watts Hill to acquire 14.21 acres of land back from the State.	Deed
Hill, George Watts and Ann McCulloch	Hill Demonstration Forest, Waverly Rd.	Mangum Township	Durham	32-010.006	7			Deed

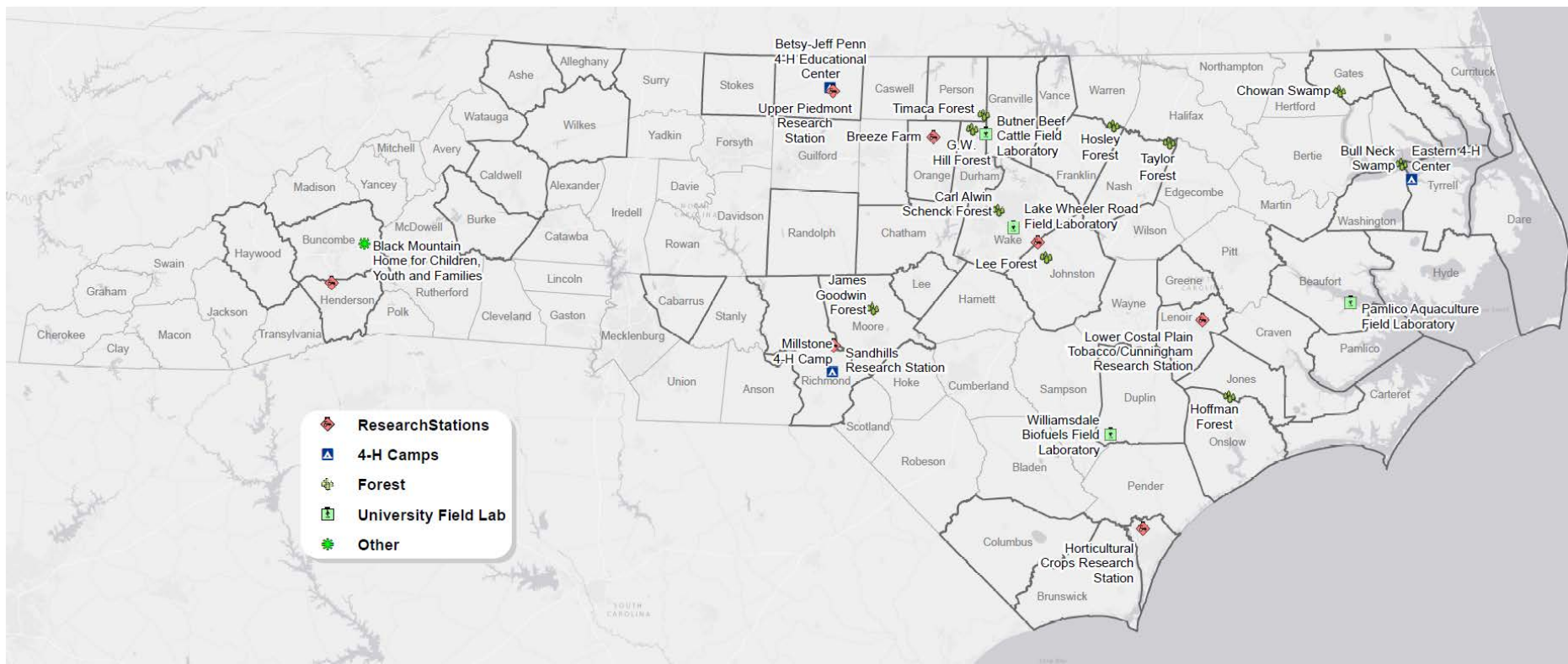
Parcel Data Next Steps

Wake County to be completed by EOY 2019

- Reconcile 192 Wake Co easement AERES entries
- Lease agreements
- Add conservation areas
- Add land use restriction areas
- Add cemeteries

Real Estate: Party	Real Estate: Propriety	Real Estate: Propriety	Real Estate: Propriety	Real Estate: SPO	Real Estate: SPO	Real Estate: SPO	Real Estate: Comments	Real Estate: Trans
York Properties Inc.	Northern property line of Centennial Campus	Raleigh	Wake				Right of Entry granted to York Properties to build a sidewalk on Centennial Campus.	Easement
Carolina Power & Light Company	Carter Stadium, Hillsborough Rd & Blue Ridge Rd.	Raleigh	Wake	92-039D006	1	6	Easement consists of seven sections of land, as described in the Easement document.	Easement
Carolina Power & Light Company	Carter Finley Stadium, Trinity Rd., near Horse Arena	Raleigh	Wake	92-039D003	1	3		Easement
Carolina Power & Light Company	Carter Finley Stadium, Trinity Rd., near Gate C	Raleigh	Wake	92-039D002	1	2		Easement
Carmike Cinemas, Inc.	NCSU Arboretum	Raleigh	Wake	92-027.023.001	2		Permanent Access easement granted for road to J.C. Raulston Arboretum. Temporary construction easements also granted. Agreement was made to establish a definite boundary line between land owned by Carmike Cinemas and the State of North Carolina.	Easement
Centennial Authority	Carter Finley Stadium, at Trinity and West Chase Roads	Raleigh	Wake	92-039D019	1	19		Easement
American Telephone and Telegraph Company	Randolph Farm, Research Unit No. 7, SR 2555	Raleigh	Wake	92-059D003	1	3	Easement for AT&T granted within an existing CP&L easement for the purposes of installing a fiber optic cable that runs	Easement

Parcel Data Next Steps



Statewide Inventory

- Approximately 101,348 acres represented above
- Approximately 106,900 acres statewide
- Currently 8,670 acres in Wolf Tracts
- 8% of lands have been added to Wolf Tracts
- 367 records in AERES for entire state, 43 counties

This effort will continue until all properties have been accounted for and reconciled with entries in AERES and other Institutional knowledge (EOY 2020)



College of Agriculture and Life Sciences



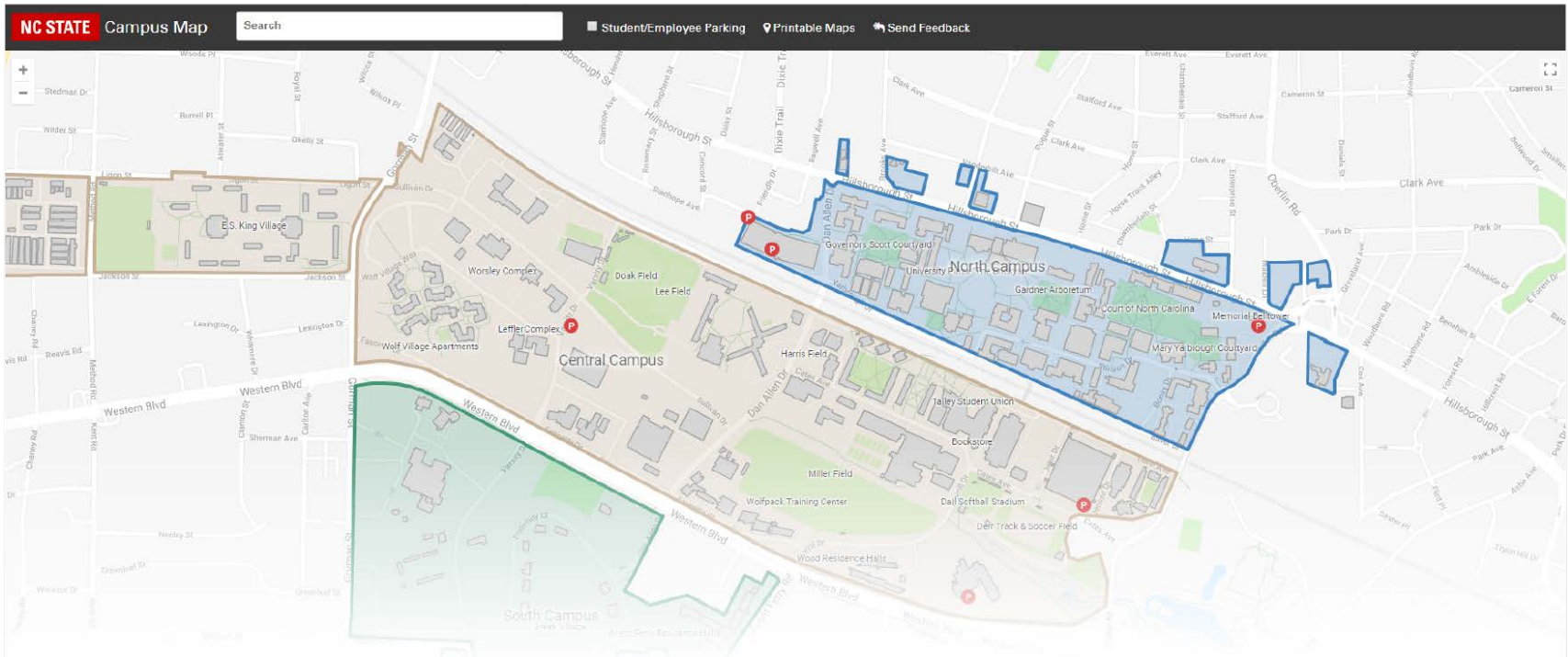
College of Natural Resources



EXTENSION

Online Campus Map

GIS-based Web Mapping Application



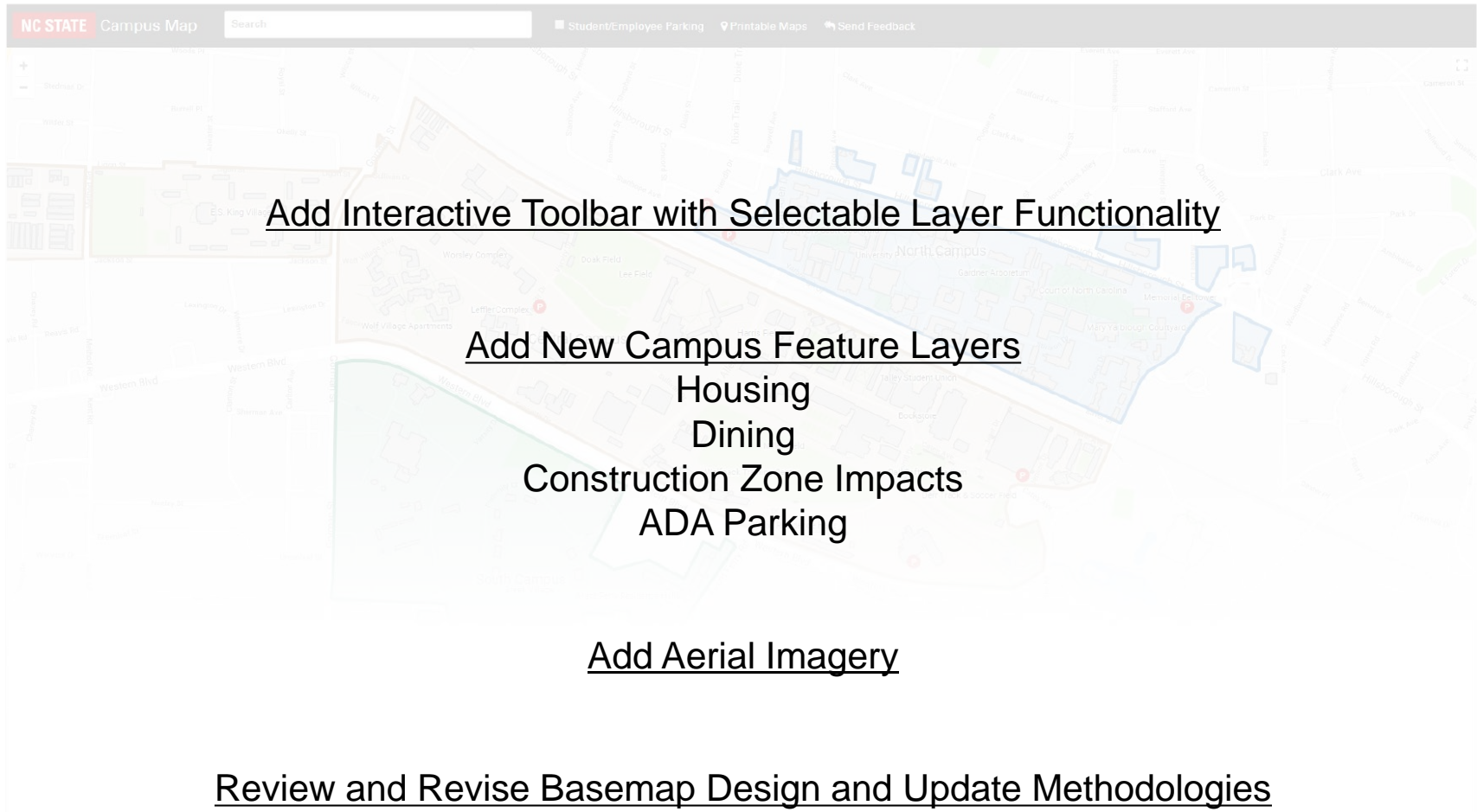
August 2018 – Move to Enterprise GIS Administration

Maintained and Delivered via Foundational GIS Framework

Primed for Enhancement

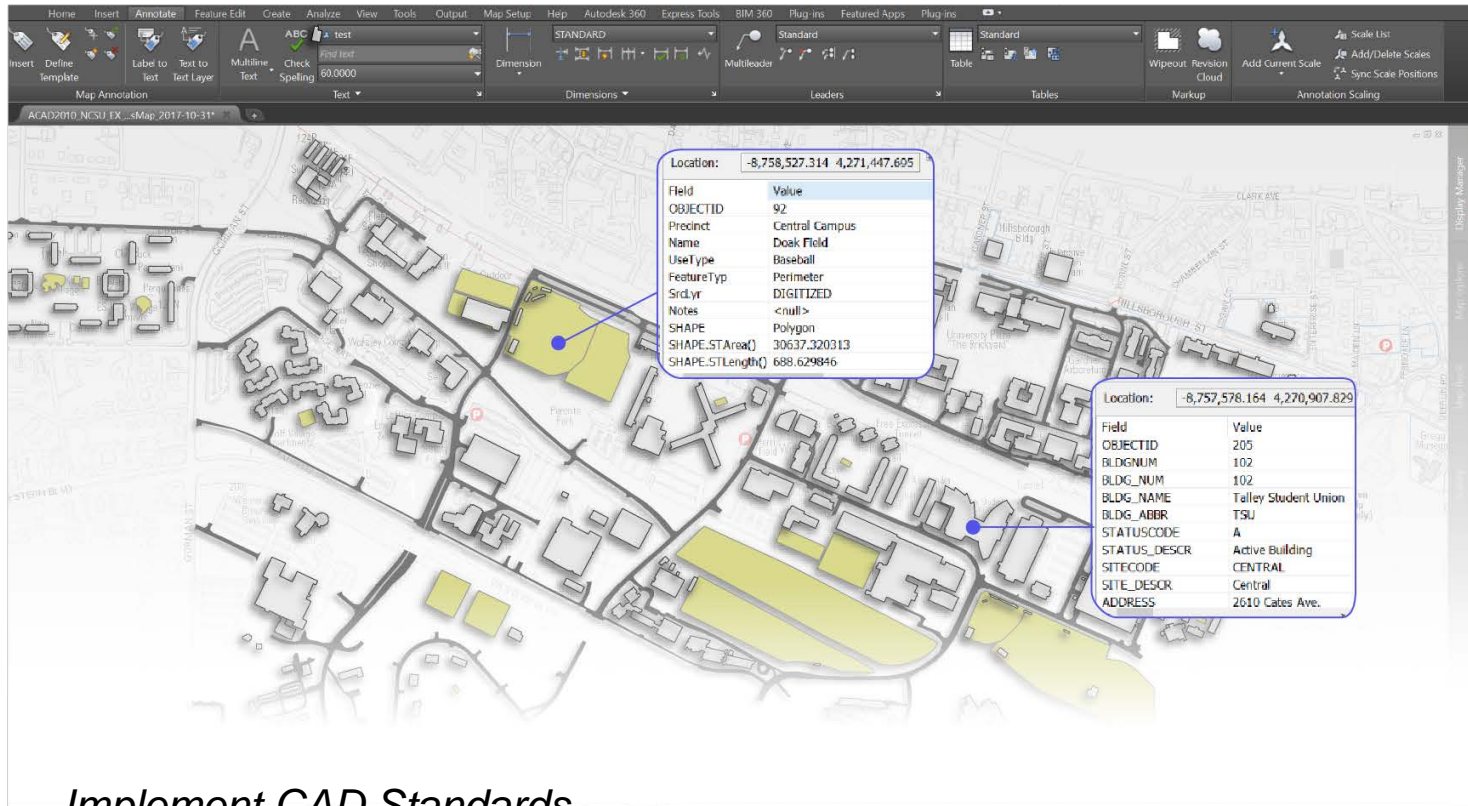
Online Campus Map

Enhancements



Planimetric Mapping Data

CAD-based Mapping Integration with GIS and Asset Management



Implement CAD Standards

Integrate CAD Data with Enterprise GIS

Connect and Share GIS Data with Asset Management Systems

Other Business

Next Meeting: August 2019