

The Buckeye BIM Initiative

Facilities Information & Technology Services



James Cancer Hospital



Ohio Union



Schottenstein Center

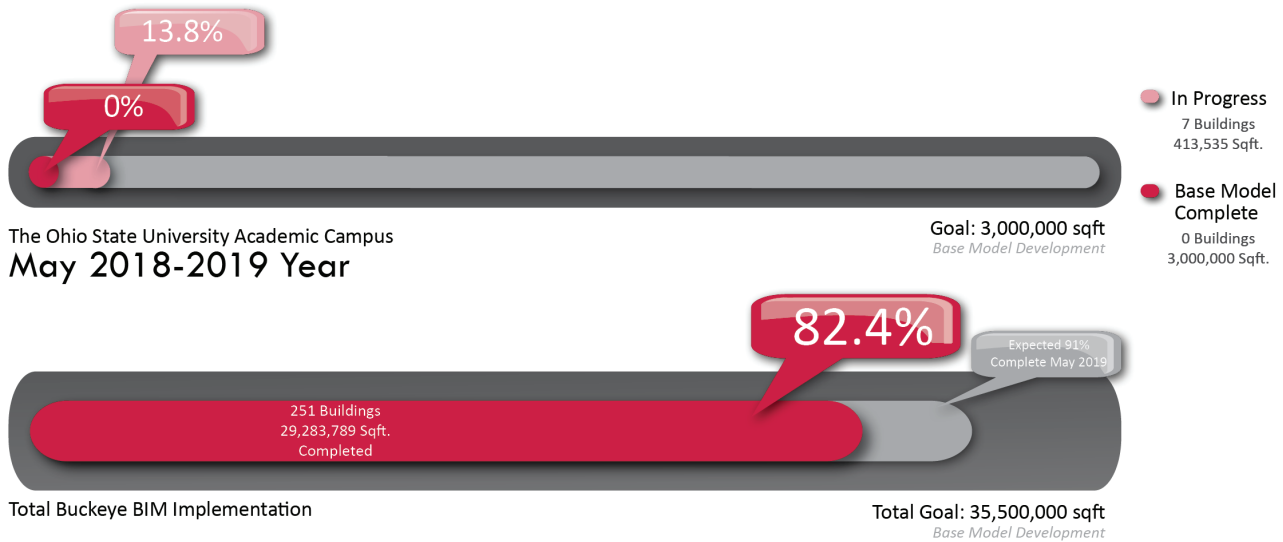
BIM for Design, Construction, and Operations

Developing BIM standards and execution plans for the design and construction process

- Version 3 of the BIM Project Delivery Standard and BIM Execution Plan was published January of 2018 focusing on improvements to the data handover process and simplifications throughout the standard.
- Investigating improvements to the data flow from the project into various internal system.
- Piloting several BIM Middleware technology solutions to allow easy access to geometry and data to better support operations.

BIM for Existing Buildings

Moving from AutoCAD based floorplans to Revit based building models.



Base Model: Exterior (detail) | Walls/Cubicles | Doors | Windows | Roof (basic) | Plumbing fixtures (basic) | Columns | Column Grids | Floors | Ceilings (basic) | Stairs (basic) | Conference and Classroom Furniture



2018-2019 BUILDING LIST

Columbus Campus

KEY

 EXPECTED ACADEMIC YEAR
2019 COMPLETE

 IN PROGRESS

 BASE MODEL
COMPLETE

 ADDITIONAL MODEL DATA
COMPLETE

- Adventure Recreation Center (0211)
- Aerospace Research Center (0199)
- Agricultural Administration (0003)
- Agricultural Engineering Building (0298)
- Airport Administration (0021)
- Airport Control Tower - FAA (0973)
- Airport Maintenance (0237)
- Airport Storage (0195)
- Animal House Kinnear Research Center (0174)
- Athletic Maintenance (0304)
- Beef Barn Shop (0330)
- Bill Davis Baseball Stadium (0228)
- Biocontainment Laboratory (0345)
- Biotechnology Support Facility (0394)
- Blackburn House (1107)
- Bloch Cancer Survivors Plaza (0315)
- Buckeye Field (0108)
- Bulk Chemical Warehouse (0362)
- Busch House (1105)
- Campus Shop (0987)
- Chemical Engineering Storage (0152)
- Child Care Center (0385)
- Coffey Rd Sports Center (0255)
- Corrosive Storage (0129)
- Cow Barn (0325)
- Cyclotron 1 (0020)
- Cyclotron 2 (1020)
- Dairy Loose Housing Barn (0008)
- Dairy Research Barn (0023)
- ElectroScience Laboratory (0009)
- ElectroScience Laboratory Complex (0977)
- Flight Laboratory (0235)
- Generator Building (0377)
- Griggs Boathouse (2506)
- Hangar 1-3 (0236)
- Hangar 4 (0198)
- Hangar 6 (0238)
- Hangar 7 (0239)
- Hangar 8 (0256)
- Hangar 9 (0900)
- Hay Storage (0327)
- Heffner Wetland Research and Education (0222)
- Horse Barn South (0323)
- Houston House (1102)
- Jesse Owens Memorial Stadium (0092)
- Kenny Rd, 1900 (0232)
- Kinnear Rd, 930 - Storage (0226)
- Kinnear Rd, 930 (0227)
- Kinnear Rd, 960 (0931)
- Kinnear Rd, 1100 (0373)
- Kinnear Rd, 1165 (0932)
- Kinnear Rd, 1260 (0128)
- Kinnear Rd, 1315 (0951)
- Lacquer Paint House (0138)
- Library Book Depository (0350)
- McConnel Hall
- Neil Ave, 1618-1624 (0877)
- Neil Ave, 1656-1660 (0912)
- North Star Rd, 2470 (0094)
- Nosker House (1110)
- OSU Electric Substation (0079)
- Owens Stadium - Meet Management Building (0093)
- Parking Garage - W Lane Ave (0892)
- Pesticide Handling Facility (0178)
- Plant Materials (0223)
- Poultry Breeding House 3 (0153)
- Poultry Brooding House 2 (0154)
- Power House (0130)
- Printing Facility (0290)
- Radiation Dosimetry Calibration Facility (0155)
- Reactor (0158)
- Recreation Field Support and Utility (0217)
- Recreation Service (0218)
- Refuse Station (0043)
- Refuse Vehicle Storage (0034)
- Research Foundation (0200)
- Rothenbuhler Honey Bee Research Laboratory (0384)
- Satellite Communications Facility (0264)
- Scarlet and Gray Golf Course - Indoor Golf Facility (1215)
- Schoenbaum Family Center (0933)
- Service Building Annex (0263)
- Sherman Studio Art Center (0358)
- Snow Removal Equipment Storage (0164)
- Steelwood Athletic Training Facility (0944)
- Stores and Receiving (0381)
- Swine Barn (0326)
- T-Hangar A-East (0197)
- T-Hangar A-West (0196)
- T-Hangar C (0901)
- T-Hangar D (0904)
- Transmitter - WOSU (0984)
- Turfgrass Foundation Research and Education Facility (0983)
- Varsity Tennis Center (0990)
- Veterinary Medical Center (0299)
- Waterman Farm - Dairy Calf Barn (0316)
- Waterman Farm - Heifer Barn (0221)
- Waterman Farm - Laboratory Headquarters (0179)
- Waterman Farm - Main Dairy Barn (0317)
- Waterman Storage Facility (0133)
- Wetland Bike Shelter (0210)
- Woody Hayes Athletic Center (0270)
- Zoology Research Laboratory (0231)

