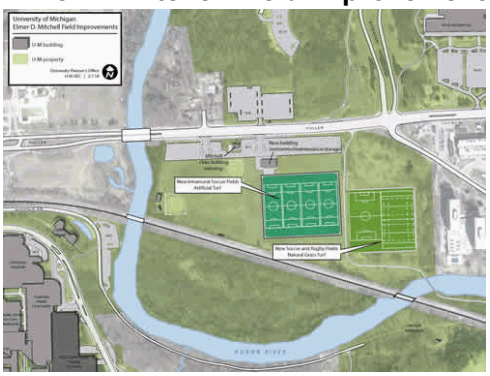
Elmer D. Mitchell Field Improvements



Project Description

Student Life now proposes improvements to Mitchell field to increase usage flexibility of the fields for various intramural and club sports, increase capacity, and extend the operating hours and operating season for Mitchell. Four softball fields will be repurposed into four artificial-turf soccer/multi-purpose intramural sports fields that will allow for much longer hours of operation and spring use because artificial turf will be well drained and not subject to closure due to rain and muddy conditions that can destroy natural turf. The fields will be enclosed with fencing to control access, protect turf, and to keep balls contained. Lighting will be installed with shields to keep light on the field with minimal spill-over onto adjacent non-university property or into the night sky. Existing multi-purpose fields will be improved for use for intramural sports team practices as well as games for sports that prefer natural turf (e.g., rugby). The existing lighting for these east fields will be upgraded with more energy-efficient fixtures that will also be shielded to prevent light spill-over. The two existing softball fields on the west side of Mitchell Field will remain. Other site work will include drainage improvements, on-site storm water management, and underground utilities. The existing Mitchell Field Building will be renovated for use as storage and a 3,200-square-foot building will be constructed to improve bathroom facilities and to provide for on-site maintenance, storage, and operational support.

Energy Efficiency Measures

- Storm water infiltration area, or “rain garden” will receive stormwater runoff from the building roof and will be used to support robust, local plant species.
- Design of Exterior canopy utilized to shade south facing window and building façade to minimize heat gain.
- Interior spaces, except for restrooms, are exposed and have no ceilings, thus reducing material waste.
- Low VOC Paints used throughout to improve indoor air quality
- Exterior LED Fixtures use less energy than incandescent/fluorescent fixtures
- Occupancy sensors automatically shut off lights after pre-set time of inactivity, thereby saving energy
- Photocell/timeclock turns off exterior building fixtures when no longer needed
- Standalone HVAC units to individually heat/cool spaces and increase energy efficiency
- Energy efficient Air Conditioning units
- Natural Ventilation

Project Data

- Budget: $8 M
- Schedule: Completion Scheduled for Fall 2014
- Square Feet: 1,600 gross sq. ft. renovation
  3,200 gross sq. ft. addition

Status as of July 2014

- Project Status: Construction
- Design Complete: 100%
- Construction Complete: 50%