



Integrated Engineering Research Center

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IERC Status Update for Community Advisory Board (CAB)

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IERC Introduction



Mission Need

- **Integrate engineering resources** currently scattered across the laboratory
- **Provide state of the art facilities** that enables the design and construction of high-performance particle physics detectors to address science drivers
- **Reestablish vital interconnects** between international science community to Fermilab engineering and technical teams
- High level building requirements
 - Adjacent to Wilson Hall
 - Collaborative environment
 - Flexibility of laboratory and office spaces
 - Preserve and strengthen the iconic stature of Wilson Hall

Quick Facts

- 80,000 Gross Sq. Ft. / 2 stories
- \$86M Total Project Cost
- Subcontractor Team:
 - Architect: **Perkins & Will**
 - Engineer (Mech., Elec., Plumbing, Fire Prot., Structural): **Arup**
 - Engineer (Civil): **Terra**
 - Construction Manager / General Contractor: **Mortenson**
 - Commissioning Agent: **Burns & McDonnell**
- Current Status: building construction ongoing
 - Overall project is ~30% complete
- Target Completion Date: October 2022

Renderings



Renderings



Renderings



Renderings



Renderings



Renderings



Renderings



Construction Status



Construction Status



Construction Status



Construction Status



Construction Status

