PIP-II Conventional Facilities Overview

Steve Dixon

Architectural Advisory Board

05 April 2019

In partnership with:
- India/DAE
- Italy/INFN
- UK/STFC
- France/CEA/Irfu, CNRS/IN2P3

Agenda

- Safety Issues
- Introductions
- Progress Since Last Meeting
- Current Schedule

Progress Since Last Meeting (June 28, 2018)

- CD-1 Approved July 2018
- Project Reviews
  - DOE Independent Project Review – December 2018
  - P2MAC Review – March 2019
- Technical Progress
  - Completed the Site Preparation design
  - Completed the Technical Requirements phase for the Cryogenics Plant Building
  - Started the Detailed/Final Design for Cryogenics Plant Building
- Fermilab Support
  - Utility Infrastructure work was moved off project
  - Utility Corridor GPP in FY19
  - MSS Feeder GPP in FY20

Progress Since Last Meeting (June 28, 2018)

Groundbreaking – March 15, 2019

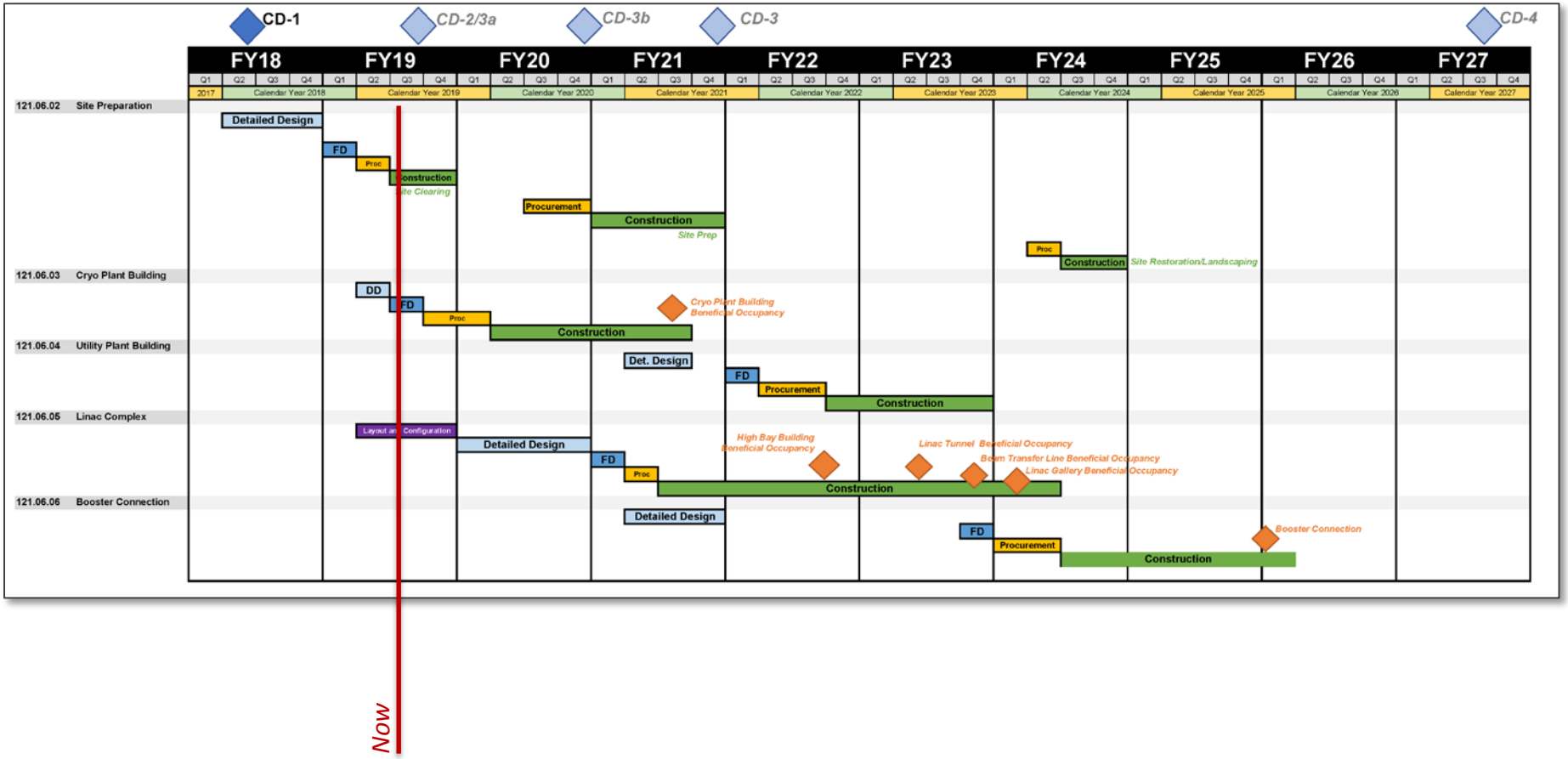
Progress Since Last Meeting (June 28, 2018)

- December 2018 – Retired Scientist Luncheon
  - Not Enough Parking
  - Consider Possible Expansion
  - Coordinate System (consider utilizing Main Injector)
  - Consider Green Roof
  - Construction Access from Kautz Road (or Eola Road)
  - Verify Truck Access is Adequate
  - Main Ring Road Condition
  - Coordinate with IERC project
  - Sloped Roofs For Positive Water Flow
  - Consider If Handrails Are Required at Retaining Walls
  - Did I Mention Parking?
- February 2019 – Lunch and Learn
  - What About Parking
  - Truck Access/Routes For Deliveries
  - Helium Tank Location/Consider Combining with Muon Campus Needs
  - Bike Parking + Bike Sharing
  - Consider View From Wilson Hall (Roof Images)
  - Consider Less Glass in Gallery
  - Design Should Include Visitor Experience/Tours
  - Consider Snow Removal
  - Reduce Impact on Restored Prairie
  - You Know There's Not Enough Parking

Progress Since Last Meeting (June 28, 2018)

- Construction Progress
  - Awarded the Site Clearing construction package in March 2019
  - Construction started in March 2019

Conventional Facilities Schedule



Fermilab
PIP-II
Proton Improvement Plan-II

END