

Access 2020

*Kathleen Nasta, Manager
Guest, User, Visitor (GUV) Center
December 9, 2016*



U.S. DEPARTMENT OF
ENERGY

Office of
Science

Outline

- Overview of Discovery Park and Science and User Support Center (SUSC)
- Background of Access 2020
- Guiding Principles
- Charge to Access 2020 Committee
- Methodology
- Current Status
- Path Forward

Overview: Preliminary Master Plan



- Legend**
- 1. Security Gate (BNL)
 - 2. Science & User Support Ctr (SUSC)
 - 3. Housing Phase 1
 - 4. Housing Phase 2
 - 5. NY Center for Grid Innovation(NYCGI)

All other buildings are Research Park expansion space

- Complimentary Development**
- Apartments at “The Boulevard” (AVR)
 - Commercial Development at AVR
 - Possible BNL/Yaphank Rail Station
 - Possible Wm Floyd Bus Route
 - Possible BNL or Private Shuttle

Science and User Support Center (SUSC)

- Proposed FY18 SLI Line Item
- TPC Cost: \$80.1M Preliminary Point Estimate, Range \$70M – \$95M
 - Sustainable, three story, steel frame
 - 105,000 GSF, ~ 300 – 325 occupancy
- A Signature Facility filling two key mission gaps

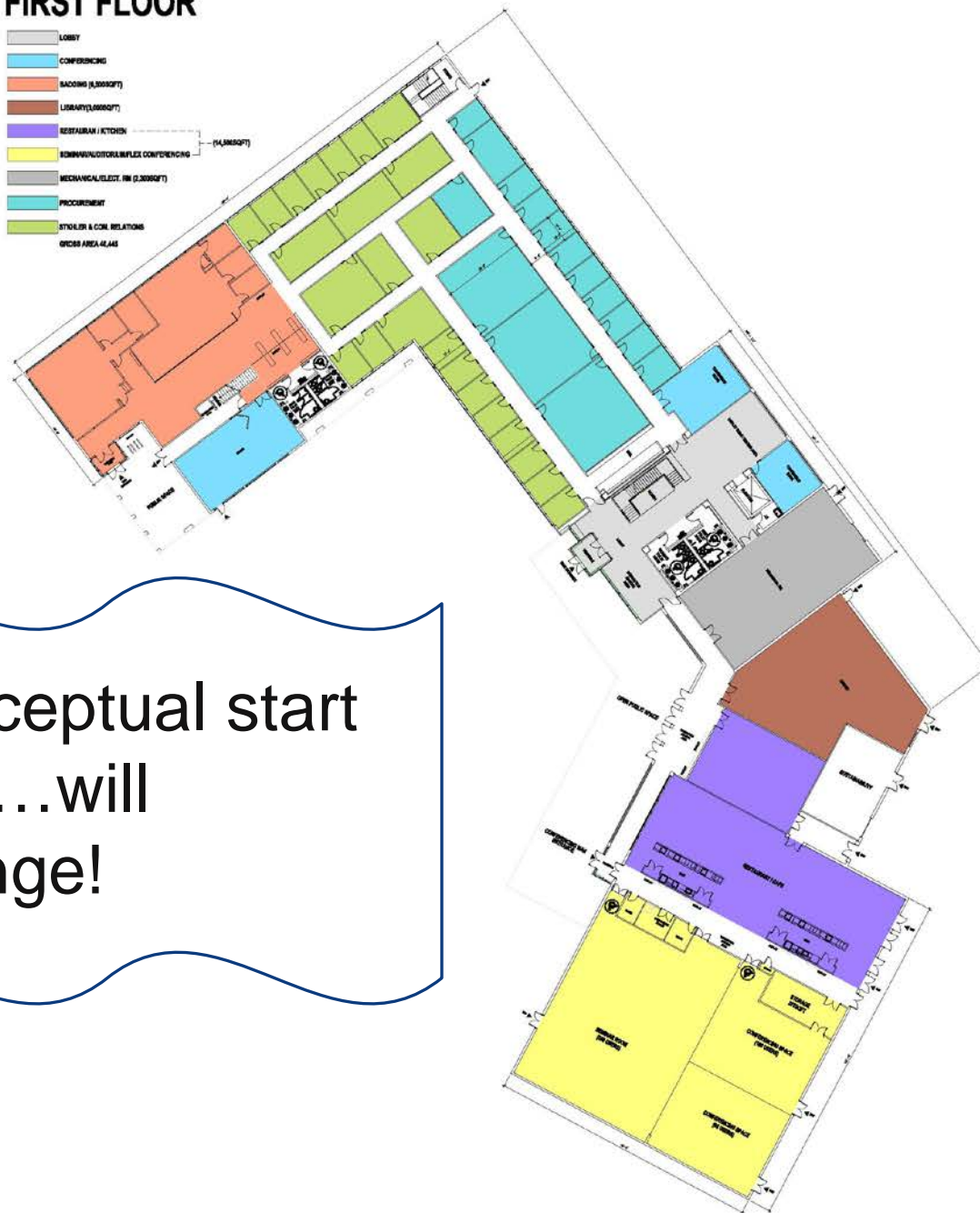


- Science User Accommodation:** Combines visitor badging, training, conferencing, all outside secure perimeter enhancing collaboration and community impact
- Infrastructure Renewal:** Consolidates support staff from 11 existing inadequate buildings into a single building promoting operational efficiency by staff colocation
 - Directly enables demolition of over 100,000 GSF of inadequate, mostly WW-II era buildings and trailers, and elimination of \$18M in repair and ESH/Code issues
- Schedule**

FY16				FY17				FY18				FY19				FY20				FY21				FY22			
1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
		Mission Need/MVIR			Conceptual Design/CD-1 Review			Assumed CR		Preliminary Design/CD-2 Review		Detailed Design/CD- 3 Review		Award		Construction, Commissioning & CD-4 Review											
			CD-0	★			CD-1	★			CD-2	★			CD-3	★									CD-4	★	
Proposed Funding Profile								\$5M				\$10M				\$30M				\$30M				\$5M			

FIRST FLOOR

- LOBBY
- CONFERENCE
- READING (3,000SQFT)
- LIBRARY (2,000SQFT)
- RESTAURANT / KITCHEN (14,000SQFT)
- CONVENTION / VISITOR / MULTIFUNCTIONAL CONFERENCE
- MECHANICAL/ELECT. RM (2,000SQFT)
- PROCUREMENT
- STORAGE & COR. RELATIONS
- OFFICE AREA ALIAS



Conceptual start
only...will
change!

Background (slide 1 of 2)

- August 2016 – identified need to conduct preliminary plan for those functions that provide guests and users site access and preparation for work. Identified functions will be located in Science and User Support Center (SUSC), the federal building to be located in Discovery Park.
- September 2016 - project created called “Access 2020”
 - introduction sent to Department Chairs
 - committee formed to include groups that interact with access and ready-to-work processes for guests and users. NSLS-II represented by:
Jen Bohon, Karen Chen-Wiegart, Gretchen Cisco
 - bi-weekly meetings established

Background (slide 2 of 2)

Discovery Park has defined a path forward that now includes a new Federal investment in a significant “entrance facility.” This facility will allow for new opportunities and for significant streamlining in our guest/user access, so

let's imagine the future!

We will plan for 2020, but a new model can be operating virtually in 2019 or sooner.

Guiding Principles

- World-class customer experience, distinguishing BNL from our peer laboratories
- “One-stop shopping” concept
Registration, training, badging, car/bike rental, housing check in (connection between future on-site housing operator and BNL to be determined)
- Efficient, convenient process: Guest ready to work “in minutes”
- Fully integrated, user-friendly systems
- Welcoming location and convenient amenities
 - Food, beverages, cash machine (currency conversion), restrooms, sitting area, Wi-Fi, charging stations, newspapers, info kiosks, site maps, shuttle schedules, ...

Charge to Committee

Jan. 15, 2017: Recommendations Report

- Functions and services to be located in Visitors' Center
- General layout of these functions (such as what should be co-located together)
- Plan for future functions to be considered
- A rough conceptual understanding of the guest/user flow process (sufficient to enable facility layout)

Sept. 30, 2017: Resource Requirements, Identification of Future Efforts

- Continued meetings will focus on details of the recommendations in the report and final definition of the process. Particularly, resource requirements of the Information Technology Department will be identified.

A potential follow-on effort will be to discuss a centralized proposal system.

Methodology

- Meetings held every other week for approximately one hour.
- Current work flows including registration and check in processes were reviewed to establish baseline of knowledge for all.
- List of all current functions, those located in Bldg. 400 and those in other buildings, identified and prioritized. Group discussion refined prioritization.
- As a group, identify groups to be co-located and groups or functions that should be separated.
- Develop preliminary plan of prioritized functions and recommendation on locations. Submit to Lanny Bates, Campus Development Director, to use as input to design process.

Current Status: Priorities & Locations

Check-in Area:

Check in, training, badging, waiting space, housing

Lobby (main or inner):

Starbucks, collaboration space (couches, charging stations, outlets), vending machines (frozen food and sundries), tablets and screens for info

Separate Area:

Business center/services, conference facilities, car rental, training room, potential computer lab,* receiving shipments after work hours*

Outside:

ATM, foreign currency exchange machine, shuttle bus stop, near 24/7 shuttle, greenway, science artifacts/pine barrens walk,* bicycle rental*

Currently gathering data to estimate target days and hours of operation.

**lower priority – not necessarily needed on Day 1.*

Path Forward

- Remaining meetings through mid-January 2017 will focus on preparation of report due 1/15/17
- Meetings afterward will focus on continuing to decide how to refine and streamline processes involved in guest and user access
 - What activities can we start to streamline now? What resources are needed to do so?
 - Consider challenges we have that may need management attention and direction