

Rutgers, The State University of New Jersey

Institutional Profile Report

Section I

Major Capital Projects



STATUS OF SIGNIFICANT PROJECTS

JUNE 2010

UNIVERSITY FACILITIES & CAPITAL PLANNING

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PROJECT OVERVIEW

BUSCH

1	Center for Integrative Proteomics Research	47 million	Page 1
2	Cell DNA Repository	3.75 million	Page 1
3	University Housing	57 million	Page 2
4	Nelson Biology Laboratory C-Wing Renovation	9.6 million	Page 2

LIVINGSTON

5	Livingston Dining Commons	30.5 million	Page 3
6	University Housing	215 million	Page 3
7	Business School	85 million	Page 4

COLLEGE AVENUE

8	Institute for Health Sciences	25 million	Page 4
9	Gateway Transit Village	19.6 million	Page 5

NEWARK

10	Life Sciences - Olson Hall	5.36 million	Page 5
11	Central Heating Plant Upgrade <i>(not referenced on map)</i>	3.7 million	Page 6

CAMDEN

12	Early Learning Research Academy (ELRA)	3.9 million	Page 6
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CAMPUS WIDE

13	Classroom Enhancement <i>(not referenced on map)</i>	15 million	Page 7
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UNIVERSITY UTILITIES

14	High Temp Hot Water Improvements <i>(not referenced on map)</i>	8 million	Page 7
15	Interior Lighting Retrofit Program <i>(not referenced on map)</i>	5 million	Page 8

COMPLETED PROJECTS

			Month and/or Year Completed
BUSCH CAMPUS			
1	Biomedical Engineering Building	33.5 million	9/06
2	Keck Neuroscience Center	2.4 million	9/07
3	Wright Rieman Polymer & Protein Wet Lab, Room 371	3 million	9/07
4	Stadium Expansion	102 million	9/09
5	University Visitor Center	7.54 million	9/09
6	Brown Welcome Pavilion & Football Recruiting Lounge	4.875 million	1/10
CAMDEN CAMPUS			
7	Camden Dining Hall Renovation	5.3 million	9/07
8	Camden Law School	37 million	3/09
9	Camden Recreation Center	12 million	9/09
CAPE MAY COUNTY			
10	Multi-species Aquaculture Demonstration Facility	7.8 million	9/06
COLLEGE AVENUE CAMPUS			
11	College of Nursing	10 million	3/08
12	Student Counseling Center	5 million	9/09
COOK			
13	Endocrine Research Facility	4.5 million	3/08
CUMBERLAND COUNTY			
14	Food Innovation Center	7.65 million	6/08
DOUGLASS			
15	Douglass Developmental Disabilities Center	4 million	10/08



University Facilities & Capital Planning

JUNE 2010

SIGNIFICANT PROJECTS

COMPLETED PROJECTS

Month and/or Year Completed

LIVINGSTON CAMPUS

16	Livingston Solar Energy Project	10 million	4 / 09
17	Livingston Student Center	18.2 million	1 / 10

NEWARK CAMPUS

18	Rutgers Business School	83 million	9 / 09
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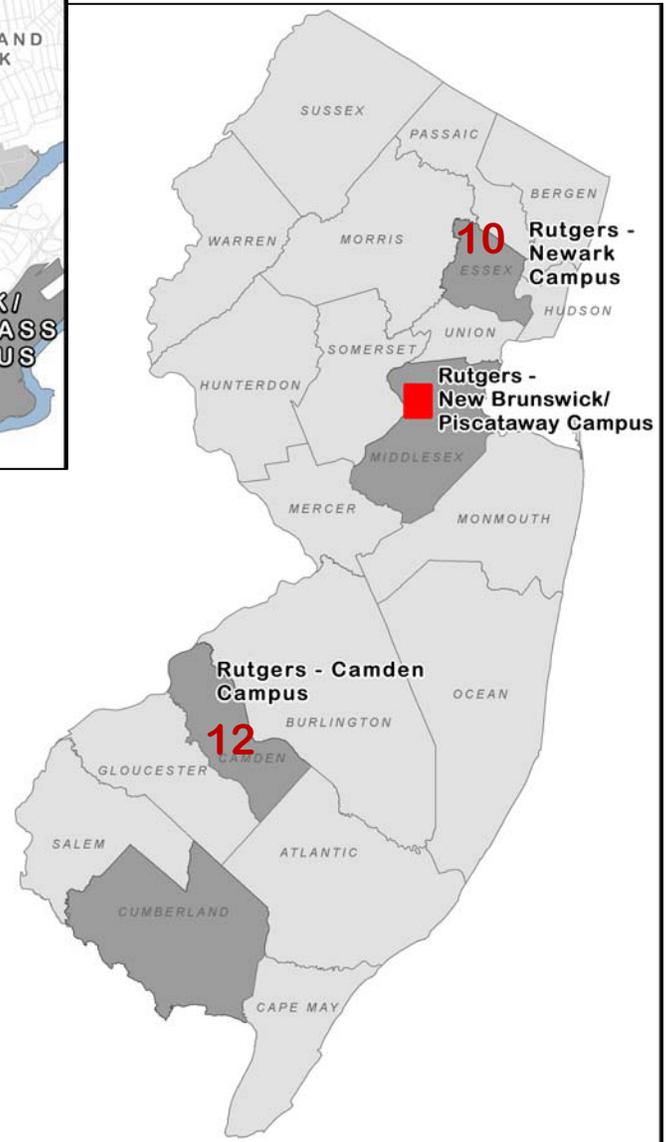
UNIVERSITY UTILITIES

19	High Voltage Substation Upgrade: Phase 1	10.5 million	8 / 09
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POSTPONED PROJECTS

1	College Avenue Greening—Phase 1	17 million	
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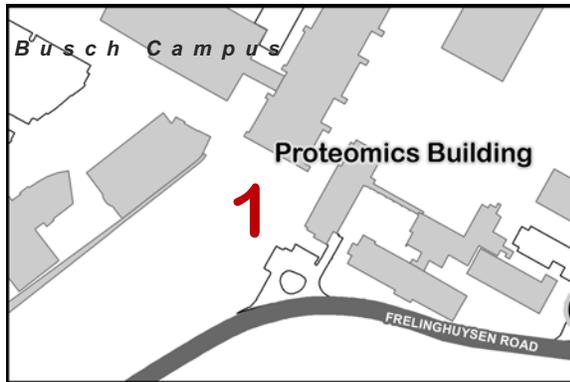
PROJECT LOCATIONS



BUSCH

1 CENTER FOR INTEGRATIVE PROTEOMICS RESEARCH

- ◆ Construction of a new facility located on the Busch Campus between EOHSI and CABM which will include a new shared core instrument lab as a resource area for Rutgers and UMDNJ, a Protein Data Bank, and BioMaps (Biology and Mathematics) labs.
- ◆ Foundation and steel framing complete, floor slabs in progress.



DATA

Budget: 47 Million
 Design: August 2006 - July 2009
 Construction: November 2009 - October 2011

KEY DATES

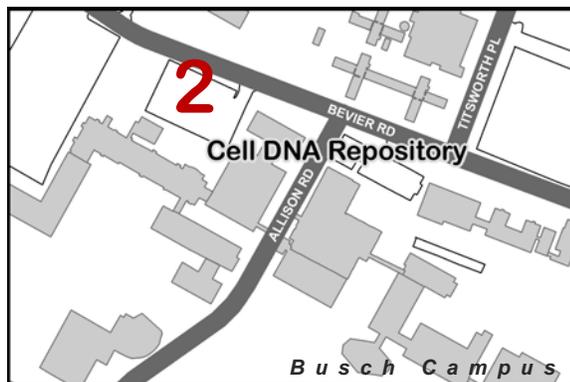
Concept Document: March 2006
 Schematic Design: June 2008
 Bid Award: October 2009

CONSTRUCTION STATUS

Budget: Under original budget by 8M
 Schedule: On Schedule
 Scope: No Change

2 CELL DNA REPOSITORY

- ◆ Pre-Engineered single story 4,200 square foot addition to Nelson Biology, located on the Busch Campus.
- ◆ Features include a sophisticated mechanical and electrical system, as well as a redundant energy system to supply the freezers and cryo-vessels ensuring appropriate temperature conditions.
- ◆ Construction substantially complete, coordinating user move in.



DATA

Budget: 3.75 Million
 Design: September 2008 - March 2009
 Construction: August 2009 - May 2010

KEY DATES

Concept Document: September 2008
 Schematic Design:
 Bid Award: June 2009

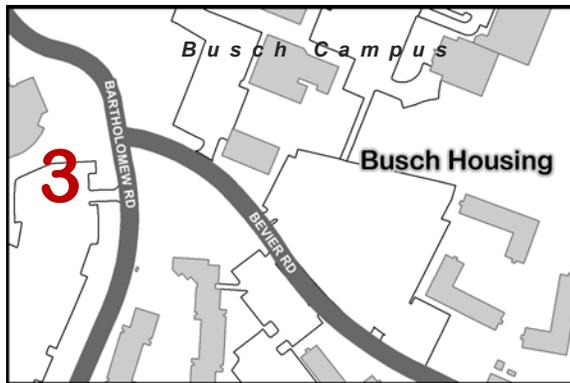
CONSTRUCTION STATUS

Budget: Under original budget by 1.5M
 Schedule: On Schedule
 Scope: No Change

BUSCH

3 UNIVERSITY HOUSING

- ◆ Three new four-story residence halls containing 153,996 square feet, housing 500 students located in Lot 66 on the Busch Campus.
- ◆ Features include “junior suite” style living units consisting of two double-occupancy rooms with a shared bathroom for first year science, engineering and pharmacy students.
- ◆ Foundations underway.



DATA

Budget: 57 Million
 Design: March 2009 - January 2010
 Construction: April 2010 - August 2011

KEY DATES

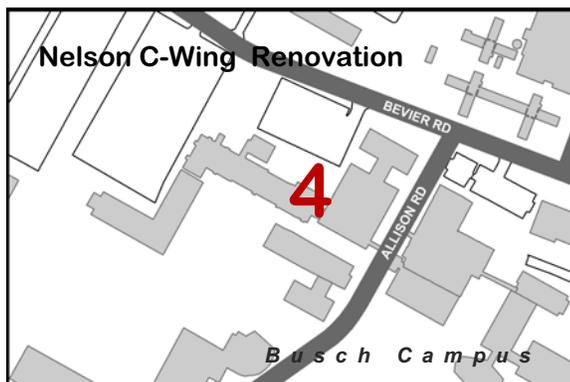
Concept Document: March 2009
 Schematic Design:
 Bid Award: March 2010

CONSTRUCTION STATUS

Budget: On Budget
 Schedule: On Schedule
 Scope: No Change

4 NELSON BIOLOGY LABORATORIES C-WING RENOVATION

- ◆ Comprehensive renovation of 12,000 square feet of the 2nd floor of Nelson Biology, located on the Busch Campus.
- ◆ Renovation will allow for Cell and DNA Repository (RUCDR) to consolidate and streamline their operations. Features include specialized laboratories including a robotics lab and office suite as well as replacement of all mechanical systems required to support the specialized analytical instrumentation that will be installed.
- ◆ Design is underway.



DATA

Budget: 9.6 Million
 Design: March 2010 - September 2010
 Construction: September 2010 - May 2012

KEY DATES

Concept Document: February 2010
 Schematic Design:
 Bid Award:

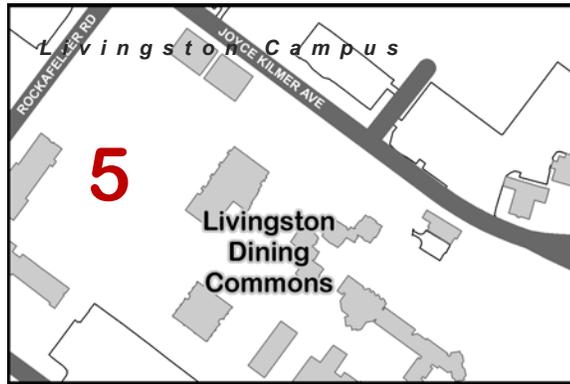
CONSTRUCTION STATUS

Budget:
 Schedule:
 Scope:

LIVINGSTON

5 LIVINGSTON DINING COMMONS

- ◆ A new 58,000 square foot multistoried dining facility on the Livingston Campus adjacent to the existing Livingston Student Center.
- ◆ Site work and Foundation underway.



6 UNIVERSITY HOUSING

- ◆ Multiple new mid-rise buildings containing 558,000 gross-square feet, housing 1,500 students located on Joyce Kilmer Avenue and Rockefeller Road on the Livingston Campus.
- ◆ Features include “apartment-style” living unit, have four bedrooms with single beds, a kitchen, two shared bathrooms and common living space. One of the buildings will also include a multipurpose room. Retail space will occupy first floor levels.
- ◆ Preparing final bid documents.



DATA

Budget: 30.5 Million
 Design: November 2006 - November 2009
 Construction: February 2010 - July 2011

KEY DATES

Concept Document: June 2007
 Schematic Design:
 Bid Award: February 2010

CONSTRUCTION STATUS

Budget: Budget increased to 30.5M from 24.7M
 Schedule: On Schedule
 Scope: Increased square footage & up-graded finishes

DATA

Budget: 215 Million
 Design: March 2009 - June 2010
 Construction: August 2010 - September 2012

KEY DATES

Concept Document: March 2009
 Schematic Design: November 2009
 Bid Award:

CONSTRUCTION STATUS

Budget:
 Schedule:
 Scope:

LIVINGSTON

7 BUSINESS SCHOOL

- ◆ Construction of a new 155,800 gsf iconic facility at the gateway entrance to the Livingston Campus. The complex will include classrooms, instructional labs, meeting rooms, offices and a trading floor.
- ◆ This facility will accommodate up to 3,200 undergraduates enrolled in the new 4-year business program in NB as well as graduate students.
- ◆ Design is underway.



DATA

Budget: 85 Million
 Design: June 2010 - June 2011
 Construction: August 2011 - August 2013

KEY DATES

Concept Document: April 2010
 Schematic Design:
 Bid Award:

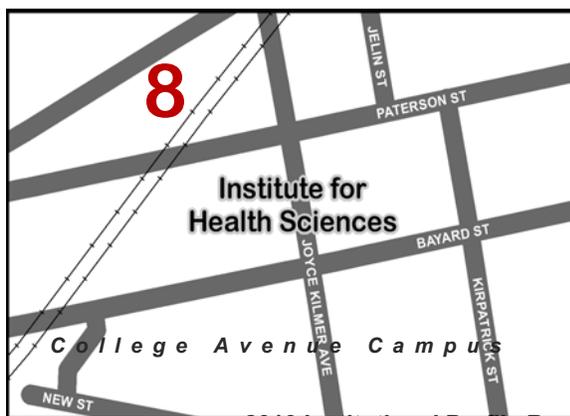
CONSTRUCTION STATUS

Budget:
 Schedule:
 Scope:

COLLEGE AVENUE

8 INSTITUTE FOR HEALTH SCIENCES

- ◆ Construction of a new 58,000 gsf facility adjacent to the College of Nursing and Robert Wood Johnson Hospital in New Brunswick. The complex of the College of Nursing & the Institute for Health shall be known as the Health Sciences Center.
- ◆ This facility will consolidate the Institute for Health, Health Care Policy and Aging Research, as well as the GSAPP Clinic.
- ◆ Construction 98% complete.



DATA

Budget: 25 Million
 Design: October 2005 - October 2007
 Construction: February 2008 - June 2010

KEY DATES

Concept Document:
 Schematic Design: March 2007
 Bid Award: January 2008

CONSTRUCTION STATUS

Budget: On Budget
 Schedule: On Schedule
 Scope: No Change

COLLEGE AVENUE

9 GATEWAY TRANSIT VILLAGE

- ◆ Construction of a new shared facility of which three and one half floors or 60,000 gsf will be occupied by the Rutgers University Bookstore, the University Press and a Visitor Center Welcome Desk.
- ◆ Development being performed through Somerset Street Development Corp. (DEVCO)
- ◆ Foundation and walls underway.



DATA

Budget: 19.6 Million
 Design: June 2007 - June 2009
 Construction: September 2008 - September 2012

KEY DATES

Concept Document: January 2008
 Schematic Design: Not Applicable
 Bid Award: Not Applicable

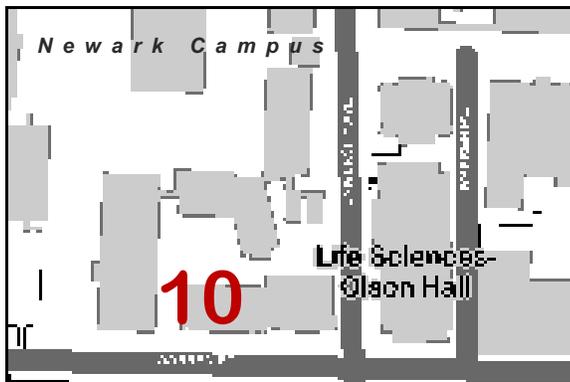
CONSTRUCTION STATUS

Budget: On Budget
 Schedule: On Schedule
 Scope: No Change

NEWARK

10 LIFE SCIENCES- OLSON HALL

- ◆ Fit-out of third floor for the Chemistry Department and 4th floor for the Biology Department.
- ◆ Features of the fit-out will include state-of-the-art research laboratories and principle investigators (PI) offices and administrative areas.
- ◆ Chemistry department moved into 3rd floor in August 2008. Construction of the 4th floor is substantially completed.



DATA

Budget: 5.36 Million
 Design:
 3rd Floor: January 2007-January 2008
 4th Floor: June 2008—April 2009
 Construction:
 3rd Floor: February 2008 - November 2008
 4th Floor: June 2009—February 2010

KEY DATES

Concept Document: 3rd Floor: January 2007
 4th Floor: August 2008
 Schematic Design: 3rd Floor: November 2007
 4th Floor: September 2008
 Bid Award: 3rd Floor: January 2008
 4th Floor: May 2009

CONSTRUCTION STATUS

Budget: On Budget
 Schedule: On Schedule
 Scope: No Change

NEWARK

11 CENTRAL HEATING PLANT UPGRADE

- ◆ Upgrade Central Heating Plant to attain NJDEP Emission compliance with new NOX level limits. Additionally, this upgrade will correct distribution systems between buildings and make necessary natural gas pressure changes as needed for the low NOX burners to allow the generators to run at full capacity. *(no map provided)*
- ◆ Preliminary construction administrative efforts underway.

DATA

Budget: 3.7 Million
 Design: March 2010 - February 2010
 Construction: May 2010 - December 2010

KEY DATES

Concept Document: April 2010
 Schematic Design: Not Applicable
 Bid Award: May 2010

CONSTRUCTION STATUS

Budget: On Budget
 Schedule: On Schedule
 Scope: No Change

CAMDEN

12 EARLY LEARNING RESEARCH ACADEMY (ELRA)

- ◆ Construction of a new multistory 18,351 square foot facility to include infant and toddler care rooms and pre-K level classrooms and play areas for up to 126 children.
- ◆ This facility will have a research unit that will allow faculty and students to apply innovative ideas towards resolving issues confronting young children.
- ◆ Design/Build contract awarded, Asbestos abatement underway.

DATA

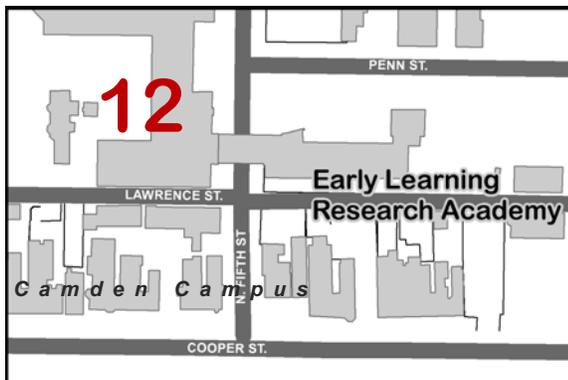
Budget: 3.9 Million
 Design: Design/Build
 Construction: August 2010 - July 2011

KEY DATES

Concept Document: March 2009
 Schematic Design: Not Applicable
 Bid Award: February 2010

CONSTRUCTION STATUS

Budget: On Budget
 Schedule: On Schedule
 Scope: No Change



CAMPUS WIDE

13 CLASSROOM IMPROVEMENTS

- ◆ Classroom improvements range from complete lecture hall renovations to simple classroom enhancements such as painting, new flooring, furniture, blackboards, ceiling tiles, window treatments and acoustical tiles. *(no map provided)*
- ◆ This project will be completed in three phases over a three year period.
- ◆ Phase I and II are complete. Phase III under-way.

DATA

Budget: 15 Million
 Design: Not Applicable
 Construction: June 2008 - January 2012

KEY DATES

Concept Document: Not Applicable
 Schematic Design: Not Applicable
 Bid Award: Not Applicable

CONSTRUCTION STATUS

Budget: On Budget
 Schedule: On Schedule
 Scope: No Change

UNIVERSITY UTILITIES

14 HIGH TEMP HOT WATER: BUSCH CAMPUS

- ◆ Replacement of old and failing High Temp Hot Water lines in 15 locations on the Busch Campus. *(no map provided)*
- ◆ This project will be completed in phases over a four year period.
- ◆ Phase III of IV phases is 100% complete. Total project is 80% completed.

DATA

Budget: 8 Million
 Design: Not Applicable
 Construction: July 2006 - June 2010

KEY DATES

Concept Document: Not Applicable
 Schematic Design: Not Applicable
 Bid Award: Not Applicable

CONSTRUCTION STATUS

Budget: On Budget
 Schedule: Project delayed by 2 months
 Scope: No Change

UNIVERSITY UTILITIES

15 INTERIOR LIGHTING RETROFIT PROGRAM

- ◆ Completed lighting audits of all New Brunswick/Piscataway, Camden and Newark Buildings as part of the PSE&G Direct Install Program. *(no map provided)*
- ◆ This Energy Conservation Direct Install program will fund 80% of retrofit costs. Resulting energy savings over two years are the equivalent to the remaining 20% of retrofit costs.
- ◆ Installations began over Winter Break 2010 and will be completed by July 2010.

DATA

Budget: 5 Million
 Design: Not Applicable
 Construction: January 2010 - July 2010

KEY DATES

Concept Document: Not Applicable
 Schematic Design: Not Applicable
 Bid Award: Not Applicable

CONSTRUCTION STATUS

Budget: On Budget
 Schedule: Project delayed by 3 months
 Scope: No Change