



RUTGERS UNIVERSITY PHYSICAL MASTER PLAN

RUTGERS 2030

VOLUME 2: NEWARK

JUNE 18, 2015

PREFACE

Rutgers University embarked on Rutgers 2030 in May 2013, the first comprehensive master plan in over a decade, and the first to incorporate Rutgers Biomedical and Health Sciences (RBHS), created from the integration of the University of Medicine and Dentistry of New Jersey (UMDNJ) with Rutgers University in July 2013. The physical master plan complements the Rutgers University Strategic Plan, prepared in conjunction with the Boston Consulting Group, and approved by the Board of Governors in February 2014, and the strategic plans of each of Rutgers' component institutions.

Rutgers 2030 envisions development at Rutgers over a 15 year time frame, 2015–2030, and is comprehensive in its scope; taking into account buildings, the natural and constructed landscape, transportation, and infrastructure. The report consists of 3 volumes:

- Volume 1: Rutgers University – New Brunswick
- Volume 2: Rutgers University – Newark
- Volume 3: Rutgers University – Camden

RBHS is considered primarily within Volume 1 although constituent elements are found across Rutgers.

The scope of input was broad, involving survey responses from approximately 8,000 members of the community, over thirty presentations and town hall meetings, and meetings with many administrative faculty, and student groups.

This study would not have been possible without the leadership of Rutgers University President Robert L. Barchi and support of Chancellors Nancy Cantor, Richard Edwards, Phoebe Haddon and Brian Strom. In addition, the Physical Master Plan Executive Steering Committee, Rutgers University Facilities and Capital Planning members, Deans, staff, faculty and students contributed invaluable insight to the development of the project.

The master plan consulting team included Robert A.M. Stern Architects, Sasaki Associates, VHB, Buro Happold, and Toscano Clements Taylor.

Volume 2: Newark

Table of Contents

1	INTRODUCTION	7
	ALL ROADS LEAD TO NEWARK	
2	MASTER PLAN THEMES	11
3	THE PLANNING CONTEXT	23
	3.1 RUTGERS UNIVERSITY-NEWARK AND THE CITY	
	3.2 CLASSROOMS	
	3.3 OPEN SPACE AND NATURAL SYSTEMS	
	3.4 MOBILITY	
4	MASTER PLAN FRAMEWORK	57
5	PHASING AND IMPLEMENTATION	95

RUTGERS

NEWARK

★ Washington St & Warren St



NEWARK BUILDING LIST

- 1- Ackerson Hall
- 2- Aidekman Hall
- 3- Blumenthal Hall
- 4- Boyden Hall
- 5- Bradley Hall
- 6- Center For Law & Justice
- 7- Center For Urban & Public Service
- 8- Conklin Hall
- 9- Dana Library
- 10- Engelhard Hall
- 11- Green House
- 12- Golden Dome Athletic Center
- 13- Hill Hall
- 14- Life Sciences Building
- 15- Olson Hall
- 16- Parking Deck I
- 17- Parking Deck II
- 18- Parking Deck III
- 19- Robeson Campus Center
- 20- Physical Plant
- 21- Smith Hall
- 22- Talbott Residence
- 23- University Police Headquarters
- 24- University Square Housing
- 25- Woodward Residence
- 26-25 James St.
- 27- 29 James St.
- 28- 43 Bleeker St.
- 29- 47 Bleeker St.
- 30- 49 Bleeker St.
- 31- 75 77 Halsey St.
- 32- 77 Bleeker St.
- 33- 1 Washington Park
- 34- 15 Washington St.

1.1 All Roads Lead to Newark

Rutgers University–Newark (RU–N) is a remarkably diverse urban, public research university that is not just in Newark but of Newark—an anchor institution. Its location is a distinctive strength, especially as it is a magnet for an inclusive and diverse student body and faculty, catalyzes high-impact scholarship, and presents extraordinary opportunities to collaborate with partners on metropolitan America’s greatest challenges. The RU–N anchor mission is the foundation for its strategic priorities:

- Invest in collaborative academic and research programs
- Invest in our students
- Invest in our faculty, and graduate and professional students
- Value our professional and support staff as key to our success

- Invest in the spaces and places where we live, learn, create, and engage the world
- Invest in our anchor institution collaboration
- Leverage our diversity and build civic dialogue
- Tell the Rutgers-University Newark story more effectively

Educational opportunity, as noted in the Strategic Plan, is a disproportionately scarce resource in many cities, even while 80% of the US population lives in cities today. This disparity is particularly true for first-generation, minority, and poor Americans in urban school districts with fewer resources to work with. It is RU–N’s intention to increase access to education for these underserved constituents in the community, and harness their latent talent. RU–N has long had a legacy of diversity and scholarship, and the Strategic Plan aims to extend that legacy, making the University

an engine of innovation, social mobility, and both individual and collective prosperity. RU–N also seeks to engage the talent and diversity of its host city’s community as partners in tackling local challenges that resonate globally.

Collaboration is another theme of the Strategic Plan – collaboration across RU–N, as well as with outside partners including other institutions, public-private partnerships, and community members. Collaboration has the potential to bring the community together and facilitate innovation. The University’s commitment to this principle is evident in its existing partnerships, and it plans to take additional steps in this direction, with programs like Express Newark, an arts incubator that will engage RU–N and the community as equal partners. The Strategic Plan identifies five anchor areas in which its community collaboration-based initiatives will focus:

- Building Strong Educational Pathways (pre-K-16) for Increased Postsecondary Attainment;
- Strong, Healthy, and Safe Neighborhoods;
- Promoting and Leveraging the Arts and Culture;

- Science and the Urban Environment; and
- Entrepreneurship and Economic Development

The Strategic Plan identifies cross-sector, collaborative problem solving as a strategy to improve scholarship and provide invaluable experience in navigating difference from working in teams – habits of mind and action that will better prepare for the workforce. Stronger connections are also needed across educational pathways and for the responsibilities of citizenship in an increasingly diverse world, from pre-K through graduate school.

The Strategic Plan also renews RU–N’s commitment to its students: providing better access to education and investing in students. This means ensuring support for students along all of the steps by broadening and multiplying pathways to college, investing in student retention and success by supporting students while they are on campus, preparing students for their future careers, and bringing alumni back into the educational cycle to identify experiential and community-based learning opportunities.

The master plan supports this commitment and the University’s strategic goals, enhancing the academic environment with physical improvements to create a better student experience. Equally important is the need to invest in the faculty and staff: aiding in their development, and recognizing them for the many roles they take on in educating students and preparing them for their future careers. In order to achieve the University’s vision, the Strategic Plan recommends investing “in the spaces and places where we live, learn, and create,” including the following components:

- A new Honors Living Learning Community and Residential Facility (HLLC) with 500 beds, including dining, social, and academic amenities
- “Third Spaces” where the University and the community can come together to collaborate and exchange knowledge as equal partners
- The library as an essential public space, supporting scholarship and public access to learning
- A focus on public space as a way to connect to the community with the University

The master plan proposes a framework to support the Strategic Plan vision and complement its stated physical initiatives, governed by the following five themes:

ENGAGE NEWARK

- Establish places – “third spaces” – where Rutgers can come together with the community and collaborate
- Facilitate programs with K-12 schools and other partners, targeted towards supporting access to education
- Revitalize major corridors of movement through campus and the city

ENHANCE THE CAMPUS CORE

- Embrace the community through public space
- Enhance campus gateways and the approach into the campus core
- Strengthen the campus center and the library as open environments for collaboration and exchange

- Use landscape to connect buildings and places, improve the public space, opening up the campus to the community

SUPPORT A DYNAMIC LEARNING ENVIRONMENT

- Align classroom inventory with scheduled class sizes, while creating flexible classroom spaces that can adapt to future trends
- Use technology to enhance the learning experience in the classroom and facilitate collaboration with other anchor institutions
- Support out-of-classroom learning with centrally located out-of-classroom collaboration spaces

REINFORCE REGIONAL MOBILITY

- Integrate amenities and social spaces with campus transit nodes
- Increase the resident population at RU–N to build community and stimulate supporting private development

- Work with the City, NJ Transit, and other partners to improve transit connections to the University

IMPLEMENT TECHNOLOGY FOR THE MODERN CAMPUS

- Maintain an up-to-date, effective technology infrastructure across campus
- Revitalize the library as an information commons and a hub for intellectual interaction
- Enhance access to information through seamless wi-fi, extending east to west from Dr Martin Luther King Jr Boulevard to Military Park; and north to south from Raymond Boulevard to Orange Street

