BROWN UNIVERSITY INVESTMENTS (SINCE 2011)

- New Construction: $162M
- Major Renovations: $310M
- Infrastructure Renewal: >$41M
- Public Realm Improvements: >$2.6M
BROWN TO BROWN – HOME OWNERSHIP PROGRAM

15 total projects completed, sold to Brown faculty/staff, and returned to the tax roll. Recent projects:
SIDEWALKS, STREETS, AND PARKS

- Widened sidewalks at Cushing Street and Meeting Street
- Installed new sidewalks along Brook Street
- Coordinated Thayer St. improvements:
  - Street furniture at Bookstore, Granoff Center, Cushing Street
  - Street trees and tree wells (100 total)
  - Security cameras
  - Solar trash compactors and recycling
  - Parklet
SIDEWALKS, STREETS, AND PARKS

100 Street Trees Added

ca. 2000 2016

Sidewalks in Good Condition
(13,939.6 Linear Ft.)

Sidewalks in Use Caution Condition
(10,739.1 Linear Ft.)

Sidewalks Replaced 2000-2016
(17,053.7 Linear Ft.)

Sidewalks in Need of Repair
(283.4 Linear Ft.)

100 Street Trees Added
**TRANSPORTATION ACTIONS**

- **Enhanced Public Transportation:**
  - Brown University Shuttle (BUS) (75% increase in ridership since 2011)
  - Shuttle app increased ridership
  - OnCall Shuttle program expanded in 2013
  - RIPTA UPass program ongoing

- **Expanded Zipcar partnership (26 vehicles including 6 hybrids across 6 locations)**

- **Installed electric vehicle charging stations**

- **Expanded bicycle racks and installed a bicycle repair station**

- **Introduced bicycle-sharing program**

- **General vehicle parking for students no longer provided**
SUSTAINABILITY SUMMARY

INITIATIVES:

- Reduce energy use
- Divert waste stream
- Implement water saving
- Improve local food system
- Provide transportation options

Energy Conservation Initiative Performance

![Energy Conservation Initiative Performance Chart]
INSTITUTIONAL MASTER PLAN (IMP) CONTEXT

BUILDING ON DISTINCTION

Campus Development – Focus Areas
- College Hill
- The Jewelry District
- Connecting the physical campus
- Creating a virtual campus
- Fostering sustainability
- The built environment
“Brown’s campus as a physical analog to the Open Curriculum”

1. Prioritize academic uses on College Hill
2. Celebrate the Brown scale
3. Engage Thayer Street
4. Connect the campus
5. Energize the core with mixed use
6. Consolidate landholdings and catalyze partnerships

http://www.brown.edu/Facilities/Building_Brown/resources/
PROJECTS FROM IMP 2006 (INCLUDING AMENDMENTS)

17 projects included
- 15 completed
- 1 ongoing (Utilities Infrastructure)
- 1 pending

J. WALTER WILSON - 2008
NELSON FITNESS CENTER - 2012
THE WALK - 2014
MEDICAL EDUCATION BUILDING - 2011
GRANOFF CENTER - 2010
PROJECTS FROM IMP 2011 (INCLUDING AMENDMENTS)

24 projects included
- 15 completed
- 3 ongoing
  - Brown-to-Brown Program
  - School of Engineering
  - Sharpe Improvements
- 6 pending
  - 5 renovations + 1 streetscape
PROJECTS UNDERWAY

School of Engineering

- NEW APPLIED MATH BUILDING
- APPLIED MATH BUILDING
- 180 GEORGE
- CAMPUS GREEN
- BARUS & HOLLEY
- PRINCE LAB

Consolidating the core for academic needs

- Investment in engineering research & teaching
- Provides ground floor Commons adjacent to new campus green

South Street Landing

- Bringing 400+ Brown staff to energize Jewelry District
  - CV Properties / Wexford project to rehabilitate South Street Power Station
  - Brown will be sharing building with URI / RIC School of Nursing
Projects anticipated over next 10 years
- Project seeking approval – Watson Institute
- Update on 450 Brook Street
- Transportation Study: increased emphasis on transit, bikes, shuttles, and limiting parking
- Stormwater Master Plan
PROJECTS ANTICIPATED IN NEXT 10 YEARS

- Watson – New Building & Renovation*
- Potential new construction and/or partnership projects
  - New Performing Arts
  - New Residential
  - Health Services/Wellness
  - Center for Entrepreneurship
  - Executive Education/Conference Center
  - Medical Research/Brain Science
- Renovation/renewal projects
  - Wilson Hall
  - Manning Hall
  - Marston Boat House
  - Classrooms
  - Residential/Dining
  - Research

* Seeking Approval
WATSON INSTITUTE PROJECT (SEEKING APPROVAL)

- Project enables expansion of a major academic program by clustering renovated properties with new construction.
- Landscape will act as unifying element within the block.

- **63-65 CHARLESFIELD ST (to be renovated)**
  - Built 1864
  - Architect James Bucklin designed Manning Hall, RI Hall, & Mencoff Hall

- **59 CHARLESFIELD ST – TAUBMAN CENTER**
  (Renovation completed 2014)
450 BROOK STREET - UPDATE

- Provides interim commercial parking and additional on-street spaces for the Thayer Street District
- Landscaped perimeter zone & streetscape
- Stormwater management
450 BROOK STREET – MASSING STUDIES UNDERWAY

Potential uses being studied:
- Residential + Wellness Center
- Residential + Parking
- Residential + Wellness Center + Parking
TRANSPORTATION STUDY

MODES OF TRANSPORTATION

1. Vehicular
   ▫ Passenger
   ▫ Loading
   ▫ Emergency
   ▫ Parking
   ▫ Zipcar

2. Pedestrian

3. Bicycle

4. Transit
   ▫ Shuttle
   ▫ RIPTA
TRANSPORTATION STUDY

- Baseline 2011 Study
- Providing a comprehensive review of the transportation system serving the University
- Providing an analysis of the proposed IMP project
- Study completion coincides with IMP
STORMWATER MASTER PLAN

- Brown’s first comprehensive campus approach to stormwater management
- Existing conditions analysis of Brown University properties within the Seekonk River and Providence River watersheds
- Coordination with 3 regulatory entities:
  - RI Dept. of Environmental Management (RIDEM)
  - City of Providence
  - Narragansett Bay Commission (NBC)
- Benefits
  - Flexibility in design of stormwater treatment
  - System-level data of stormwater going to watersheds
  - More natural local ecosystem
COMMUNITY ENGAGEMENT PLAN

- 8/9/16 City Planning Department
- 10/1/16 Public notice in East Side Monthly
- 10/18/16 Notification email to elected officials
- 10/19/16 Community Working Group
- 10/25/16 Notification email and letters to community members
- 11/1/16 Thayer Street District Management Association
- 11/2/16 Providence Preservation Society Planning & Architectural Review
- 11/2/16 Open community forum
- 11/7/16 Open community forum
- 11/10/16 Open community forum
- 11/9/16 City Dept. of Public Works, RI Dept. of Environmental Management, Narragansett Bay Commission
- 11/14/16 College Hill Neighborhood Association
- 11/16/16 Bicycle & Pedestrian Advisory Commission
THANK YOU