

Master Plan 2020-2030 Update

RADFORD
UNIVERSITY

Master Plan 2020-2030

Goals:

- Support the 2018-2023 Strategic Plan *Embracing the Tradition and Envisioning the Future* with appropriate physical plant and infrastructure resources.
- Plan for key building footprint components, both new construction and renovation/renewal/repurpose, on-campus or off-campus, incorporating multiple delivery methods, as required to support identified academic and student programs.
- Provide long-range residential housing plan.
- Plan for enhanced transportation and parking systems.
- Plan for forward-looking campus infrastructure systems.
- Enable connectivity with the City of Radford and greater Southwest Virginia.

Master Plan 2020-2030

Themes:

- Consistent Aesthetic Campus Brand - materials, colors, style, density and open space
- Efficiency/Effectiveness/Collaboration of Building Spaces
- Anticipate and Enable Growth
- Accessibility
- Sustainability
- Safety

Master Plan Committee

EXECUTIVE STEERING COMMITTEE

- President's Office
- President's Cabinet

MASTER PLANNING COMMITTEE

- Mike Biscotte - Chair
- Ashley Schumaker - Administrative Liaison
- Academics - Kenna Colley
- Student Affairs - Jamie Penven
- Advancement - Tom Lillard
- Enrollment Management - Mildred Johnson
- DoIT - Danny Kemp
- University Relations - Nickola Dudley
- Finance and Administration - Michael Gawrys, Jorge Coartney, James Perkins, Scott Shaffer
- Athletics - Robert Lineburg
- RU Foundation - John Cox
- Faculty Senate - Jake Fox
- AP Staff Senate - Sandra Bond
- Classified Staff Senate - Karen Montgomery
- Student Senate - Julianna Stanley
- At-Large - Rick Roth, David Sallee

Timeline

- Kickoff Meeting - President's Charge to Committee April 2018
- Data Collection/Discovery - Planning Committee Nine months
 - Document Preparation Team - Assemble Baseline Information
 - Initial Planning Committee Meeting - Process and Deliverables
 - Breakout Sessions - Charrettes/One-On-Ones
 - Campus Open Forums - Gather Input
 - Review Meetings - Validation of Breakouts
 - Summary Planning Committee Meeting - Document Results
- Review Meeting with Executive Steering Committee February 2019
- Analysis and Options - Planning Committee Three months
- Review Meeting with Executive Steering Committee April 2019
- Prepare Draft Master Plan - Planning Committee Four months
- Review Meeting with Executive Steering Committee August 2019
- Prepare Prefinal Master Plan- Planning Committee Three months
- Prefinal approval by Executive Steering Committee November 2019
- Present Master Plan to BOV for Approval December 2019

Master Plan 2020-2030

Basic Elements of any Master Plan:

- Identify existing Enterprise Assets
- Identify and analyze future Enterprise Needs
- Recommend Enterprise Additions/Improvements to meet needs

Background Information and Existing University Assets



Previous
Master
Plan -
2008

10 years out

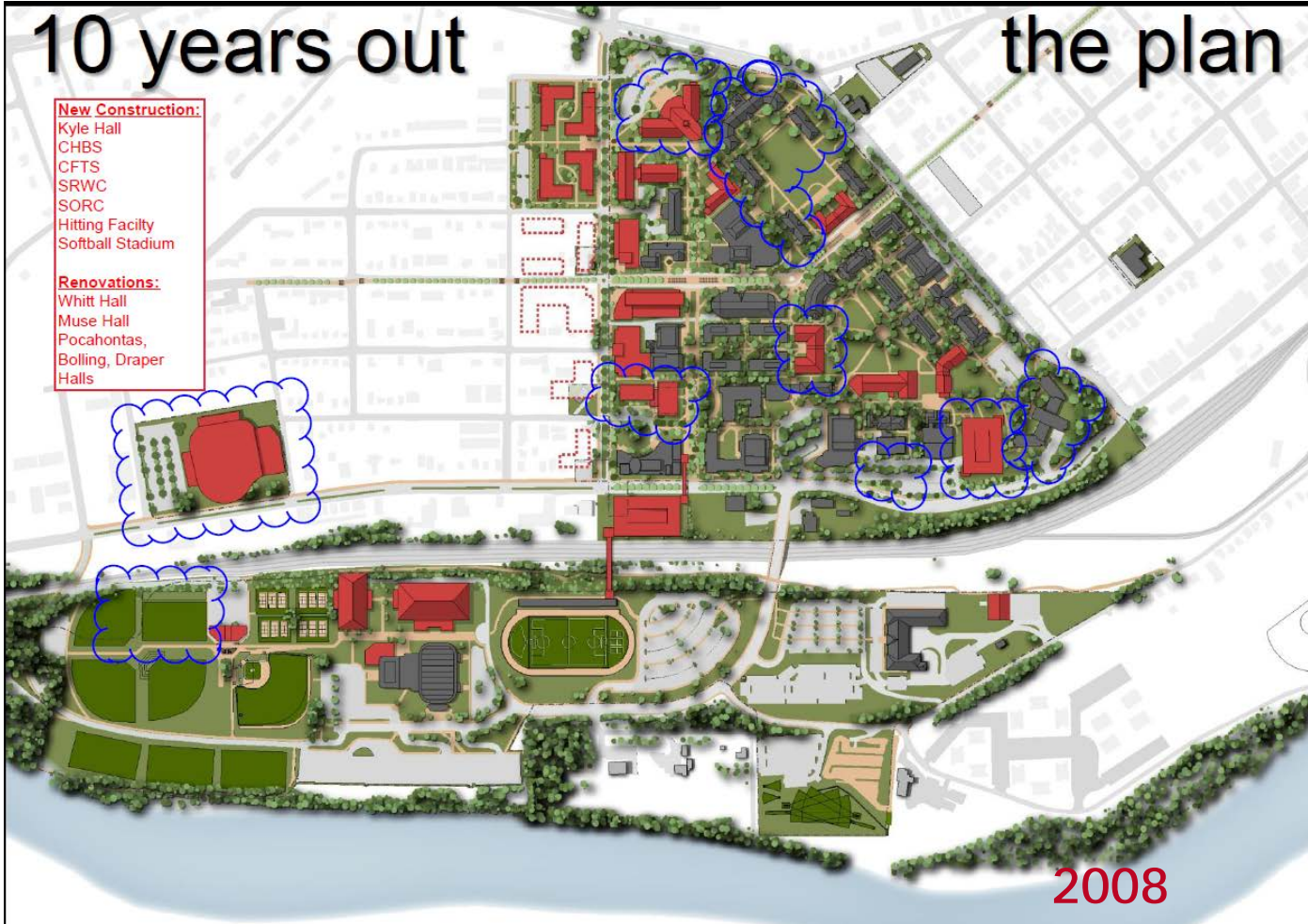
the plan

New Construction:

- Kyle Hall
- CHBS
- CFTS
- SRWC
- SORC
- Hitting Facility
- Softball Stadium

Renovations:

- Whitt Hall
- Muse Hall
- Pocahontas,
Bolling, Draper
Halls



2008

New Campus Base Map



Buildings Use Map



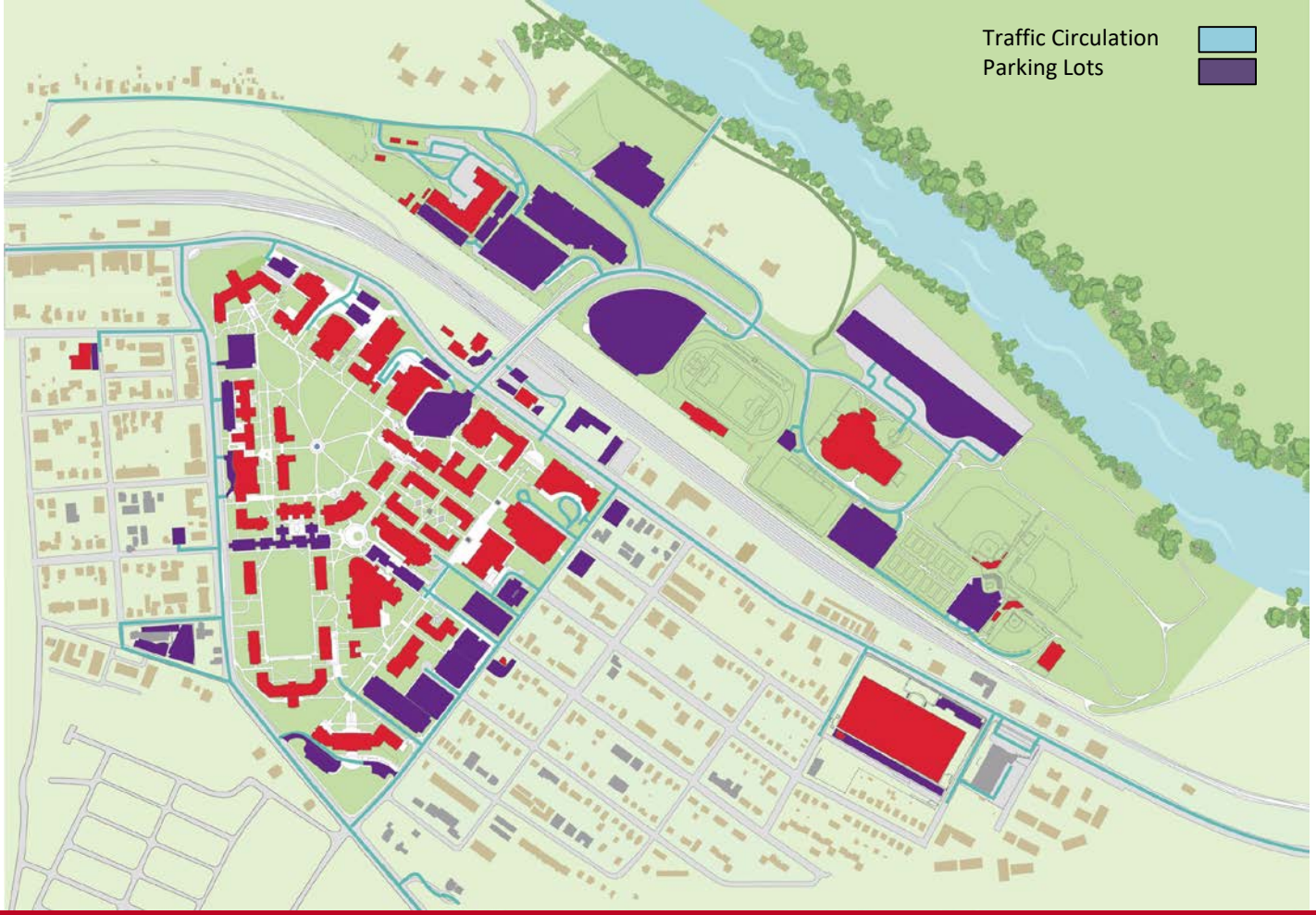
Buildings Dates Map



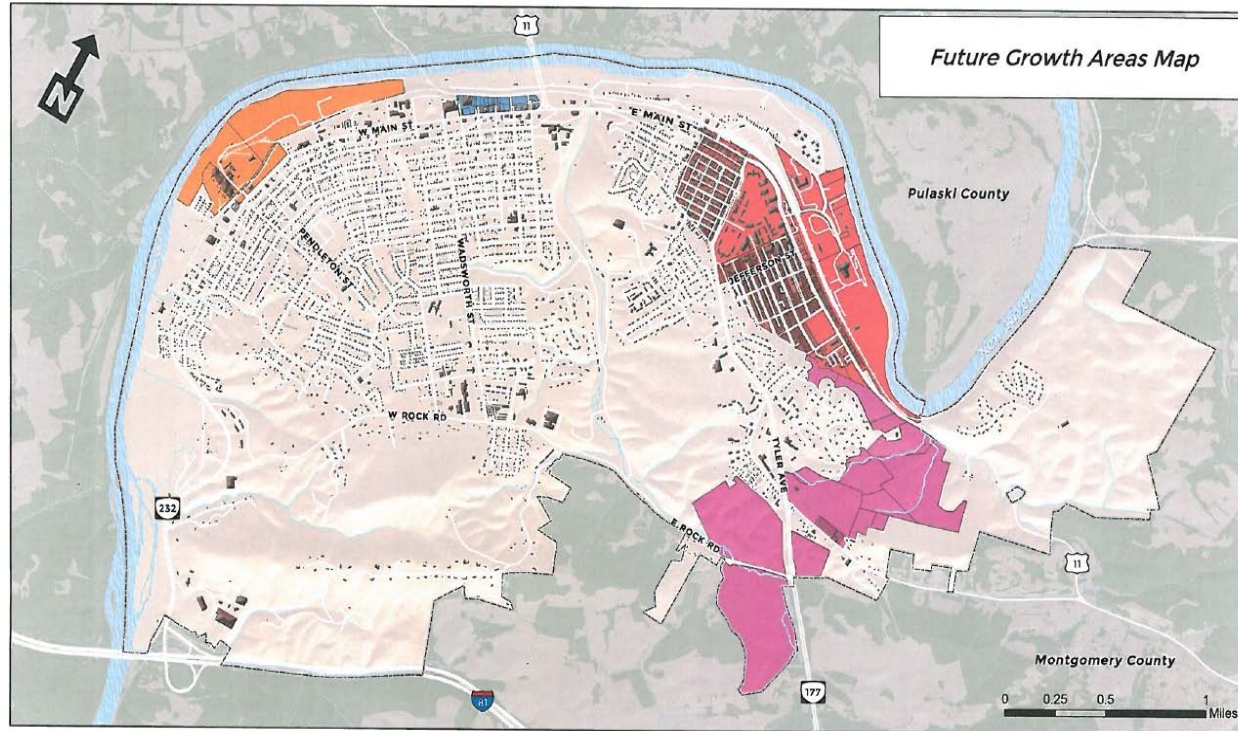
Campus LEED Map



Campus Transport Map



Radford City Comprehensive Plan Maps



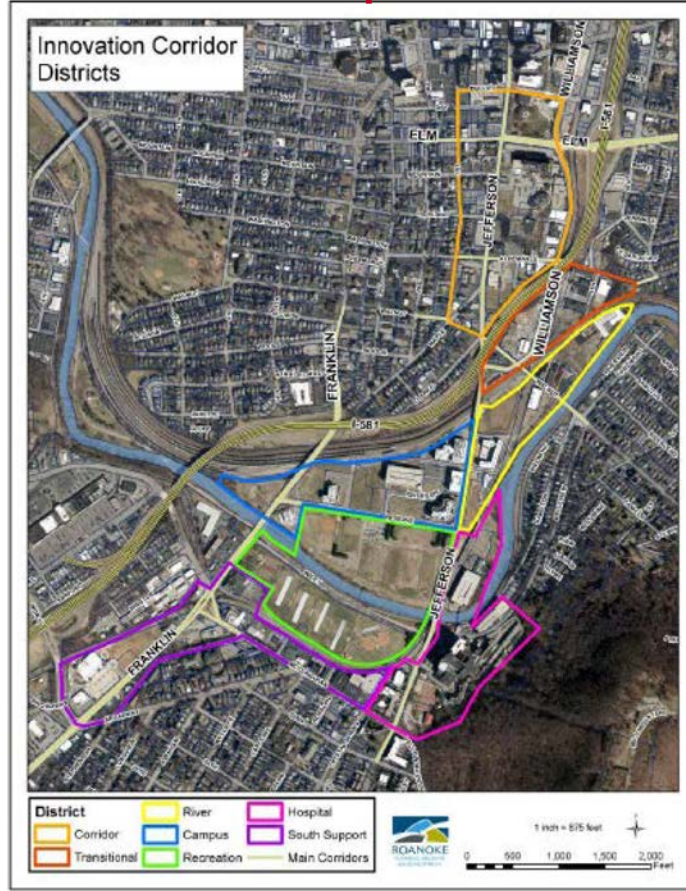
Legend

- Foundry Industrial Area
- Central District
- University Related District
- Tyler Gateway
- City Limits
- Parcels

Map created by the New River Valley Regional Commission in 2017. Sources Include: City of Radford, US Census Bureau, US Geological Survey, Virginia Geographic Information Network.

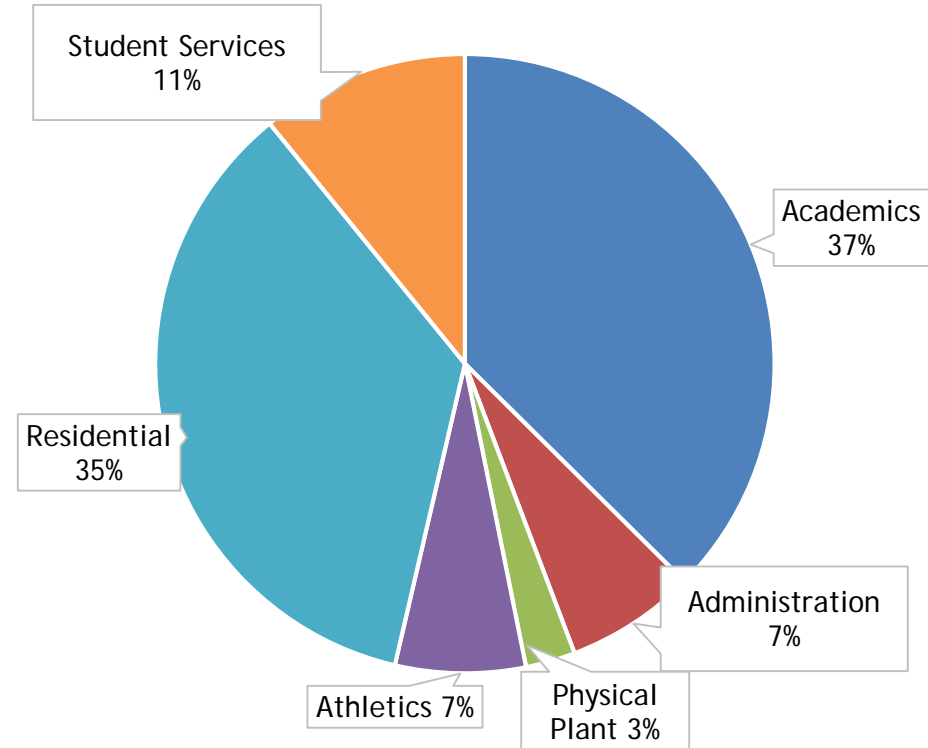


Roanoke City Innovation Corridor Map

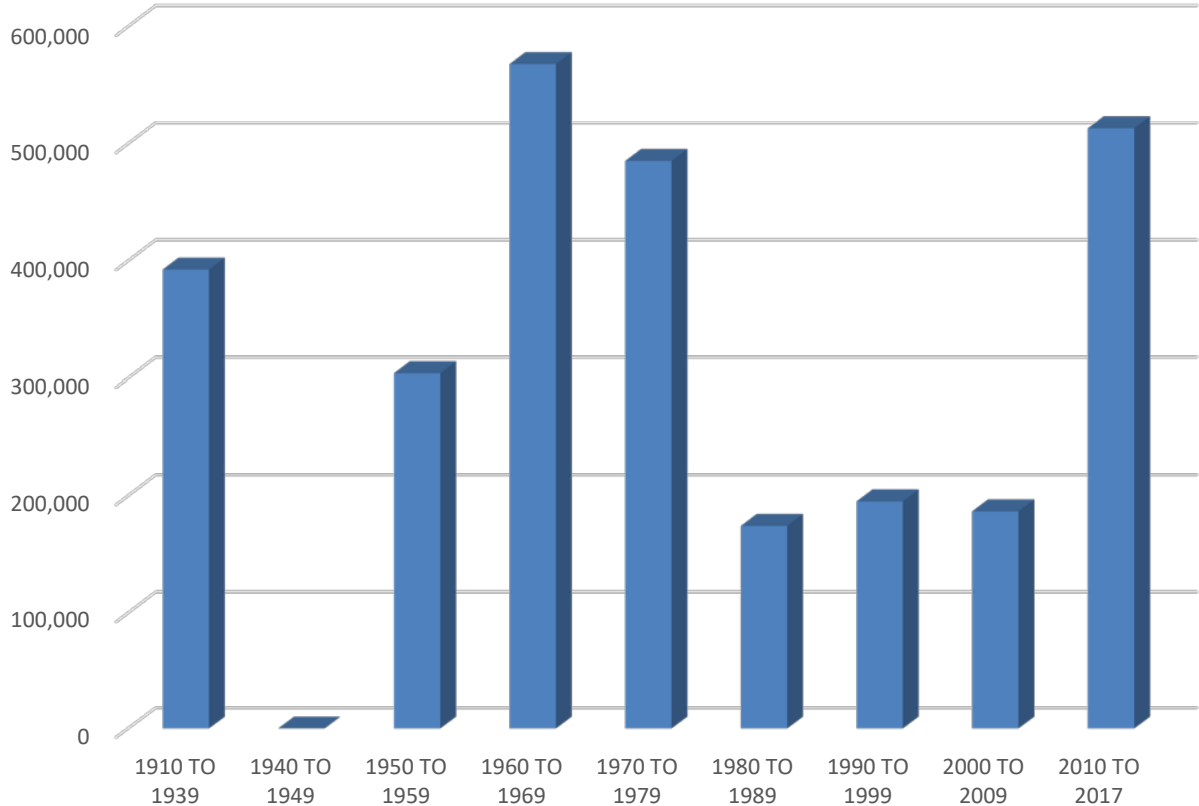


Campus Distribution of Space

	NASF	%Total NASF	Number of Buildings
Academics	652,000	37%	17
Administration	118,600	7%	11
Physical Plant	45,200	3%	5
Athletics	118,500	7%	7
Residential	618,400	35%	15
Student Services	189,250	11%	4
Total	1,741,950	100%	59



Campus SF by Decade



Initial Findings and Identified University Needs

RADFORD
UNIVERSITY

Master Plan 2020-2030

2018-2023 Strategic Plan Overall Impacts

- Specific goals incorporated into each sub-committee deliberation
- Overarching goal to grow student body 3% annually through 2023 generates traditional on-campus headcount of 10,500+/-
 - Based on current space utilization and programs, the **present campus building inventory can generally serve the needs** - limited requirements to grow basic campus academic footprint over the 10-year Master Plan window
 - Concentration on renovations and repurposing
 - Specific added footprint needs to be reviewed as identified
- Provide expanded and varied academic delivery methods and tools for classes

Master Plan 2020-2030

Summary of Initial Discussions

- Include both on-campus and off-campus - RUC Roanoke campus, RHEC, SWVHEC, RU Corporate Park and Selu
- Investigate current space usage efficiency/utilization
- Review residences for multi-use (living-learning, non-traditional, new off-campus space, etc.)
- Better connect central campus to athletics/recreation campus
- Improve front door/campus perimeter and overall campus wayfinding
- Improve transportation and parking programs
- Incorporate/connect to City of Radford

Master Plan 2020-2030

Campus Forums Feedback Themes

- Campus descriptions - compact, home-like, red, green space, scenic, traditional, beautiful
- Improve parking/transportation - commuters, visitors, transit routes
- Improve front door and campus perimeter
- Provide/improve meeting/gathering/event spaces
- Connection to New River - rafting, adjacent trails, biking and recreation
- Work with City to improve retail/dining/etc. offerings

Space Planning Study Information

Summary

- **Classrooms** - Inventory is strained during peak hours. Adjusting classroom capacity mix and scheduling practices may help alleviate the strain.
- **Class Laboratories** - None of the disciplines meet the study's or SCHEV's average utilization targets. Consider analyzing lab space needs in more depth and verify that labs are classified correctly.
- **Office Space** - Existing inventory should be sufficient. Consider standardizing office size when programming new space or reconfiguring existing space.
- **Overall** - NASF per Student FTE (124) is lower than expected for an institution similar to Radford (135-145).

Main Campus

Scheduled Classroom Use by Day and Time - Fall 2017

(Darker colors indicate a large percentage of rooms are scheduled.)

8:00 AM	37% 34 Rooms	51% 46 Rooms	36% 33 Rooms	52% 47 Rooms	37% 34 Rooms	43% 39 Rooms
9:00 AM	87% 79 Rooms	92% 84 Rooms	85% 77 Rooms	91% 83 Rooms	69% 63 Rooms	85% 77 Rooms
10:00 AM	89% 81 Rooms	91% 83 Rooms	86% 78 Rooms	89% 81 Rooms	69% 63 Rooms	85% 77 Rooms
11:00 AM	91% 83 Rooms	92% 84 Rooms	90% 82 Rooms	89% 81 Rooms	70% 64 Rooms	87% 79 Rooms
12:00 PM	73% 66 Rooms	93% 85 Rooms	69% 63 Rooms	95% 86 Rooms	52% 47 Rooms	76% 69 Rooms
1:00 PM	86% 78 Rooms	89% 81 Rooms	86% 78 Rooms	89% 81 Rooms	69% 63 Rooms	84% 76 Rooms
2:00 PM	80% 73 Rooms	93% 85 Rooms	84% 76 Rooms	96% 87 Rooms	49% 45 Rooms	80% 73 Rooms
3:00 PM	60% 55 Rooms	95% 86 Rooms	71% 65 Rooms	93% 85 Rooms	25% 23 Rooms	69% 63 Rooms
4:00 PM	42% 38 Rooms	82% 75 Rooms	44% 40 Rooms	82% 75 Rooms	7% 6 Rooms	52% 47 Rooms
5:00 PM	47% 43 Rooms	51% 46 Rooms	52% 47 Rooms	47% 43 Rooms	0% 0 Rooms	40% 36 Rooms
6:00 PM	51% 46 Rooms	59% 54 Rooms	52% 47 Rooms	56% 51 Rooms	0% 0 Rooms	44% 40 Rooms
7:00 PM	27% 25 Rooms	34% 31 Rooms	35% 32 Rooms	26% 24 Rooms	0% 0 Rooms	24% 22 Rooms
8:00 PM	15% 14 Rooms	15% 14 Rooms	22% 20 Rooms	10% 9 Rooms	0% 0 Rooms	12% 11 Rooms
	Monday	Tuesday	Wednesday	Thursday	Friday	*Average

Total classrooms = 91

* The average is calculated on Monday through Friday use.

Space Planning Study Information

Fall 2018 Class Schedule Approximately 1350 total classes

MWF	500	36%
MWF-night	90	7%
TR	430	32%
TR-night	110	8%
“Off-grid”	220	17%

150 of 220 “Off-grid” classes scheduled by five programs

Parking Study Information

Overall Observations

- Parking and transportation system is well organized and efficiently operated.
- Based on peer comparisons, parking count survey and total permits, there are adequate total parking spaces available (71% filled and 29% available at time of survey).
- Spaces are unevenly distributed, with respect to both location and type of permit.
- Condition and capacities of existing parking lots are in good condition overall.
- Transit buses run regularly to all campus and parking locations.

Items for Further Discussion and Analysis

- Create new lots at perimeter of main campus.
- Consider shorter circulator transit route that only serves campus perimeter, and one that only serves campus perimeter and remote lots.
- Consider redistribution of class times to spread out parking.
- Rework central campus lots to remove dead-ends.

Academics Sub-Committee

Strategic Plan Impacts

- Central Tutoring Space - completed with Harvey Knowledge Center in McConnell
- Create Center for Career and Talent Development - completed in Russell Hall
- Create on-campus space for Military Resource Center - completed in Russell Hall
- Create Student Venture Lab - completed in Kyle Hall
- Create Information Security Studies and Geohazards Research Centers - included in Reed-Curie renovated space in Spring 2020
- Create Center For Interprofessional Education and Practice - included in CAIC building program

Academics Sub-Committee

Sub-Committee Outcomes

- Execute current plan for Center for Adaptive Innovation and Creativity capital project
- Continue to develop capital project for renovations/repurposing for McConnell Library
- Continued growth for WCHHS - Regional partnerships in Health Sciences at RUC, RHEC, others
- Continued growth for ACSAT - Cyber/IT and “Tech Talent Pipeline”
- Continued support for growth of IMPACT
- Continuing changes to academic delivery methods, schedules and tools
- General education reform - REAL may introduce space changes/program revisions

Student Activities and Services Sub-Committee

Sub-Committee Outcomes

- Based on the current residence hall inventory and proposed growth, **existing on-campus residence hall capacity appears adequate** over the 10-year Master Plan window
- Norwood and Tyler identified as highest priority residence halls for renovations
- Muse Hall identified as next priority - Banquet Room early project, rest in phases, new façade/aesthetic
- Seek ways to integrate academics in residence halls - living-learning spaces, advising offices, faculty offices and classrooms
- Renovate new off-campus housing to consistent standard

Student Activities and Services Sub-Committee

Sub-Committee Outcomes

- Provide plenty of study/collaborative spaces all over campus
- Explore opportunities for the New River - RU Outdoors, recreation and event spaces
- Explore opportunities to offer thematic/Greek housing
- Work with City to improve off-campus retail/dining/other options

Draft Recommendations



Master Plan 2020-2030

Target Areas of Emphasis

1. Construct
2. Renovate
3. Repurpose
4. Evaluate and Upfit
5. Enhance
6. Create

Target Areas of Emphasis

1. Construct

- CAIC - Highest Priority
- Hurlburt addition
- Administrative Services addition
- Welcome Center
- Public safety building
- Athletics ticketing/concessions building

Target Areas of Emphasis

2. Renovate

- McConnell Library
- Tyler/Norwood/Muse Halls
- Dedmon Center Arena

Target Areas of Emphasis

3. Repurpose

Programmatic expansion through selective repurposing of areas within Davis, Cook, Walker, Peters, Kyle and Young Halls to support:

- WCHHS growth
- CEHD programs
- Tech Talent Pipeline
- Student Venture Lab
- Tourism Lab

Target Areas of Emphasis

4. Evaluate and Upfit

- Classrooms and labs - scheduling, efficiency, delivery methods, REAL General Education
- Student study and collaboration spaces
- Event and meeting spaces

Target Areas of Emphasis

5. Enhance

- Sustainability
- Utilities
- Transit
- Campus perimeter
- Greenspaces
- Branding and identity

Target Areas of Emphasis

6. Create

- Greenway/riverway
- Roanoke campus - RUC/RHEC
- Public-private/retail
- Other opportunities as identified

Overall Land Use Map



CAIC

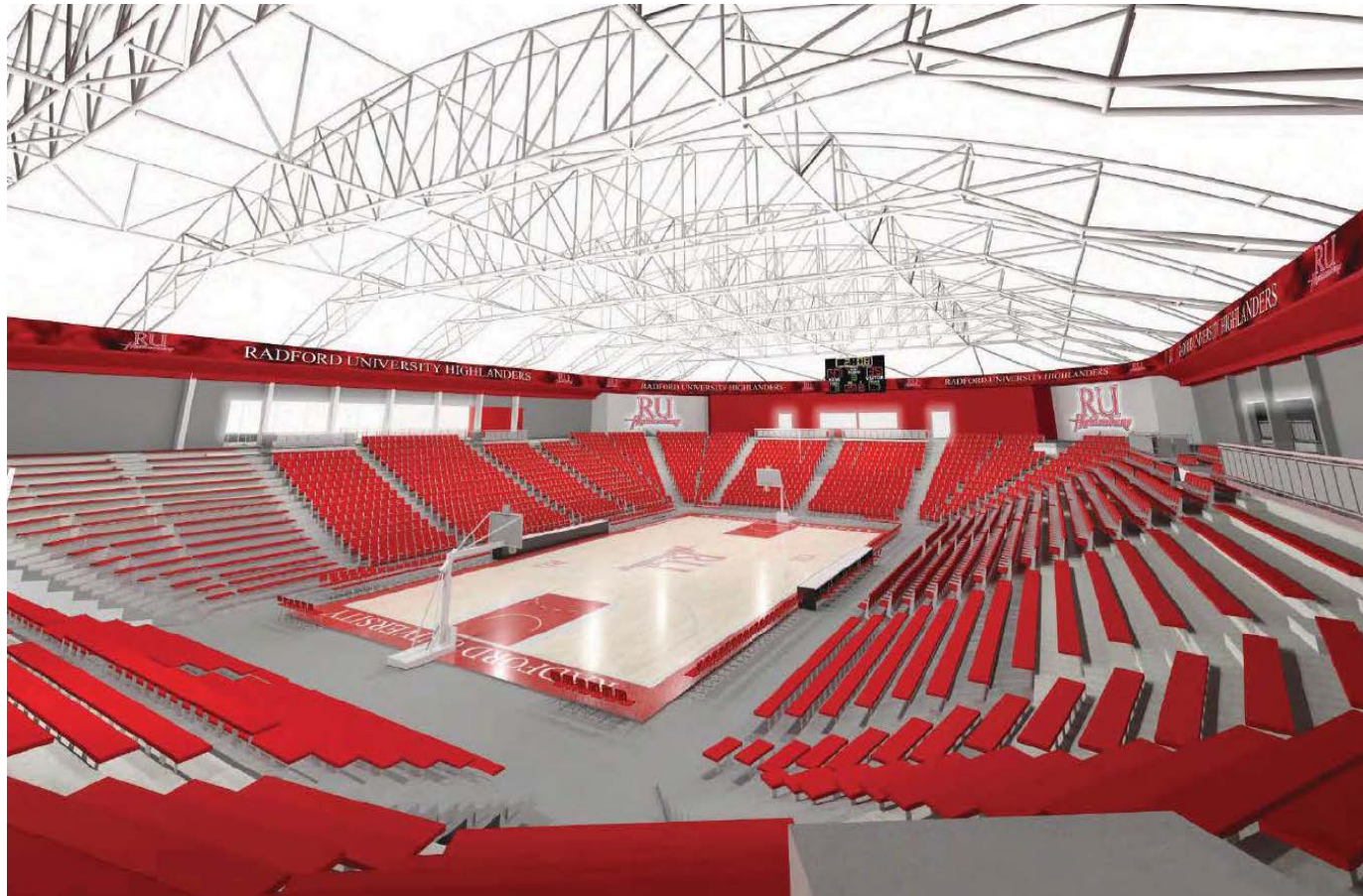


McConnell Library



Proposed view at third floor

Dedmon Center



Parking Map



Transport Map



Pathways Map

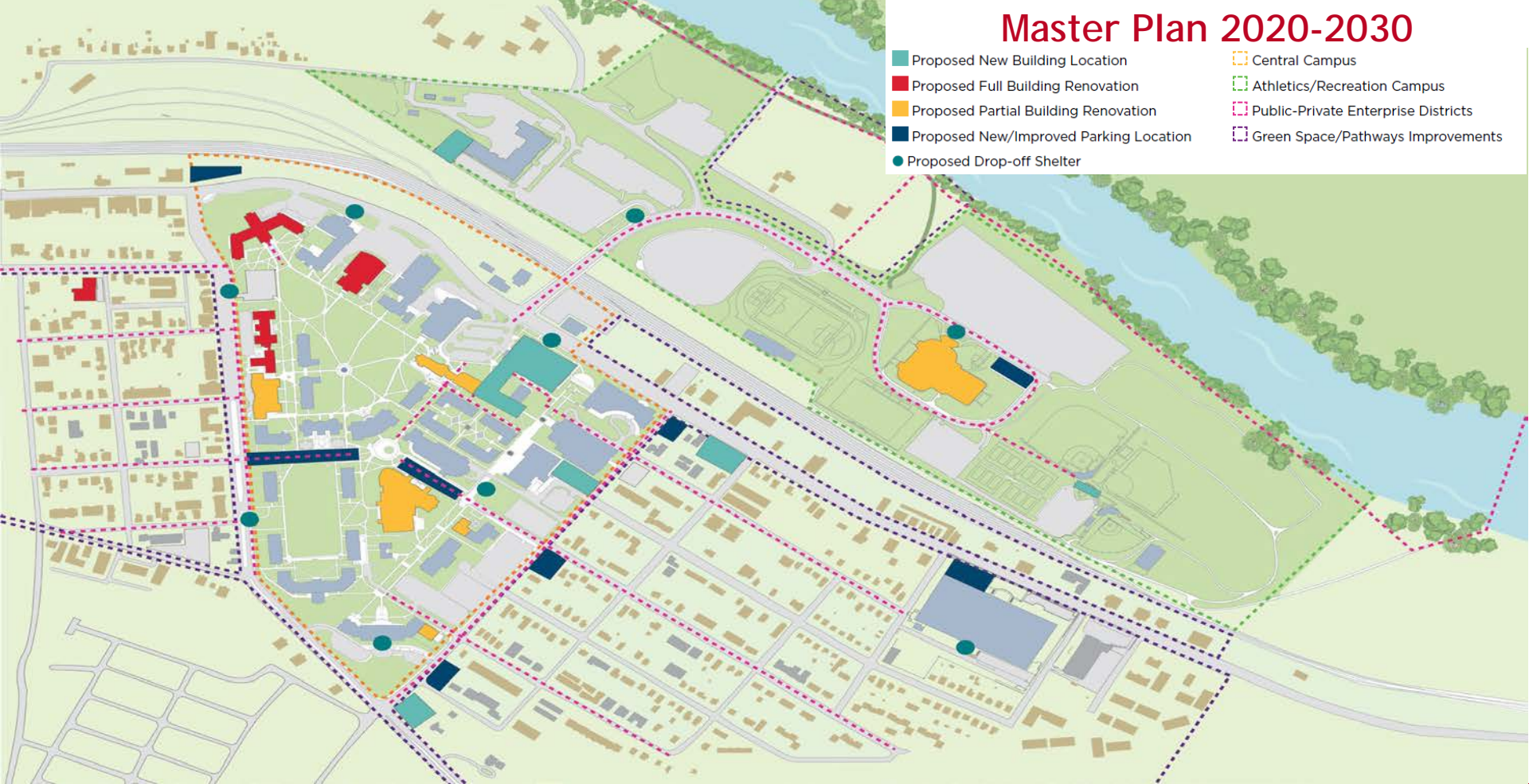


University Drive Bridge Upgrade



Master Plan 2020-2030

- Proposed New Building Location
- Proposed Full Building Renovation
- Proposed Partial Building Renovation
- Proposed New/Improved Parking Location
- Proposed Drop-off Shelter
- Central Campus
- Athletics/Recreation Campus
- Public-Private Enterprise Districts
- Green Space/Pathways Improvements



Master Plan 2020-2030

Detailed Timeline for Completion:

- BOV presentation - overall themes September 26-27
- Present to campus stakeholders October
- Draft narrative to Committee October 15
- Committee narrative review meeting October 18
- Post draft narrative to campus October 21
- Draft narrative to BOV October 21
- Comments due from campus and BOV November 6
- Final Committee review meeting November 8
- Final Executive Committee review meeting mid-November
- Final draft narrative to BOV November 25
- Present Final Master Plan to BOV for approval December 5-6

Master Plan 2020-2030

Questions/Comments