

Campus Development Committee Meeting

September 18, 2014

325 Burruss Hall

10:30 – 11:30 a.m.

Meeting Minutes

Members Present:

Jason Soileau
Chris Wise
Chris Kiwus
Ken Smith
Steve Mouras
Melissa Elliott

Richard Rodrigues
Brett Jones
Monena Hall
Elizabeth Spiller

Others Present

Lori Sharp

Administrative:

- Chair called the meeting to order at 10:35 a.m.
- Revisited Campus Development Committee Charge
- Introductions
- Chair expressed one of the main goals of the committee is to be engaging. Extended himself on questions and is available for other visits or presenting presentations as well as offered tours.

Construction Update:

- Signature Engineering Building- Completed in spring of 2014 and now named Goodwin Hall.
- Indoor Athletic Practice Facility- On schedule for completion in summer 2015. The project is constructing a facility to increase the availability of Indoor training time for the football program.
- Marching Virginians- Construction to start in fall of 2014, and completion by summer 2015. The project as a phase one implementation to accommodate the practice facility needs of the Marching Virginians. This phase envisions three components: a facility, a covered open air pavilion, and an artificial turf field. The facility would provide the Marching Virginians with a building that will include restrooms, lockers, an instrument storage room, and a drum line room with storage for percussion instruments. In addition to a shelter for the Marching Virginians during inclement weather. The open air pavilion will be able to accommodate 350 musicians. The artificial turf field will accommodate a lighted, soccer-size field, including sidelines and permanent striping.
- Upper Quad- The replacement buildings' footprints will approximately match the existing Rasche and Brodie halls, located at the south end of the Upper Quad, overlooking Alumni Mall. Currently behind schedule, UDC is working closely with contractors to meet timetable.
- McBryde 100- The intent of these renovations is to return the space to a state-of-the-art large auditorium learning environment for the benefit of undergraduate education. Provided the design process starts summer 2015, the space is projected to be ready for fall 2015 classes.
- New Classroom Building- Construction to start fall 2014 but still under review and will follow up by next meeting. Anticipated 18 month construction period with possible occupancy taken place around July 2016. General questions on estimated time frames.

Overview of projects presented to the Board of Visitors on September 18, 2014:

- Design Preview/Review for South Recreation Field Surface Replacement- This project will replace existing natural grass fields with artificial turf. This will allow greater flexibility and use in fields programming. A general question of the location field; which is located off of Tech Center Drive. The real driver of this project is the Virginia Tech/Montgomery Executive Airport located on Research Center Drive. Discussions on the advantages of replacing the natural grass with artificial turf are more economical and easier to maintain (plug and play year round). Ken Smith and Chris Wise added some additional comments; the percentage of VT students participating in intramural sports has increased. Dean Spiller asked about the duration of the turf and the temperature of the new artificial fields. The turf's life span is said to last approximately 8-10 years and will be a fraction of the cost to replace, which is also planned in the budget. The turf will be a little warmer in temperature compared to natural grass but very manageable with our seasonal VA weather. Chris Wise of Student Affairs/Rec Sports brought up a positive note that by hosting outside camps and other sports interests this will generate more revenue. Also Rec Sports is adding additional activities; such as cricket, cross-cycle classes, conditioning ropes and a 5K course with lights to create a holistic approach.
- ❖ Request for Chris Wise to give a future presentation to the committee on Recreation.
- Design Preview for Multi-Modal Transit Facility (MMTF) - Bus Hub will be relocated in front of the Perry St. Parking Garage located along Perry Street. There will be canopies located around the West and East bus loops for Pick Up / Drop Offs. The MMTF will serve three key functions: A station centralizing transit transfers and serving multiple modes of alternative transportation; a satellite operations center with offices and training areas for Blacksburg Transit and Virginia Tech Office of Alternative Transportation; and a location to provide amenities for users of alternative transportation, as well as for public interface, i.e., integrating technology and mixed uses to promote Alternative Transportation.
- Stadium Woods Forest Management Plan- A graduate student is currently working for the next 2 years on his dissertation to develop a Management Plan for the long term maintenance & use of the woods. This will be a collaborative process.
- North Academic Campus Pedestrian Study- Steve Mouras provided an update on the current study to provide a smooth transition for Pedestrians from the North Academic campus to the main campus. This is high priority due to the Classroom Building, MMTF, and Signature Engineering Building. Concepts currently are being developed for public review.
- ❖ Request to have Debby Freed at future meeting to discuss Alternative Transportation initiatives.
- Grounds Enhancements summer 2014- Efforts are being made to create "Pocket Parks" on campus to improve and enhance seating opportunities to facilitate collaborative engagements. "Visual Nodes" are being enhanced with landscape to improve first impression at visitor spaces/corridors on campus.
- Bike Parking Master Plan- Transform under used spaces with bike racks, locations are key, and keeping with design standard.
- Campus Master Plan update- Initial scope being developed for 2016-2017.

Closing:

- The meeting was adjourned at 11:38a.m.
- The next Campus Development Committee Meeting is scheduled for Thursday, October 16, 2014 from 10:30 –11:30a.m in 325 Burruss Hall.

WELCOME

***Campus Development
Committee***

At

Virginia Tech

Campus Development Committee

Charge

To make recommendations and to serve as a conduit to disseminate information and solicit feedback concerning the planned physical development of the university's built environment, specifically as it relates to buildings, grounds, and transportation planning.

Introductions: Roster

Campus Development Committee 2014-2015 Members

CHARGE: To make recommendations and to serve as a conduit to disseminate information and solicit feedback concerning the planned physical development of the university's built environment, specifically as it relates to buildings, grounds, and transportation planning. Reports to: Commission on University Support.

Chair - President will annually appoint chair from among members of committee

Jason Soileau	Chair	2015
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Ex Officio

Chris Kiwus	Associate Vice President and Chief Facilities Officer	ex officio
Steve Mouras	Director of Transportation Planning	ex officio
Jack Davis	Dean, College of Architecture and Urban Studies	ex officio
Jason Soileau	Assistant Vice President for University Planning or designee	ex officio

One Student Affairs representative selected by Vice President for Student Affairs (three-year term)

Chris Wise	Recreational Sports	2015
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One Provost Area representative selected by the Senior Vice President & Provost (three-year term)

Ken Smith	Provost - Administration	2016
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One college dean selected by Council of College Deans (two-year term)

Elizabeth Spiller	Dean – Liberal Arts & Human Sciences	2016
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One administrative and professional faculty representative nominated by the Commission on Administrative and Professional Faculty Affairs (three-year term)

Jennifer Hundley	Capital Assets & Financial Management	2016
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Three faculty representatives nominated by Faculty Senate (three-year terms)

Brett Jones	School of Education	2015
Samer El-Kadi	Animal Poultry Sciences	2017
Monena Hall	University Libraries	2015

One staff representative nominated by Staff Senate (three-year term)

Melissa Elliott	College of Liberal Arts and Human Sciences	2017
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One representative from the Graduate Student Assembly nominated by GSA (one-year term)

Richard Rodriques	Genetics, Bioinformatics, and Computational Biology	2015
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One representative from the Student Government Association nominated by SGA (one-year term)

TBD		2015
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Construction - Update

- ***Signature Engineering***
- ***Athletic Practice Facility***
- ***Marching Virginians***
- ***Upper Quad***
- ***McBryde 100***

Board of Visitor Items-
Update

Design Preview/Review for:
South Recreation Field Surface Replacement

PROJECT LOCATION MAP

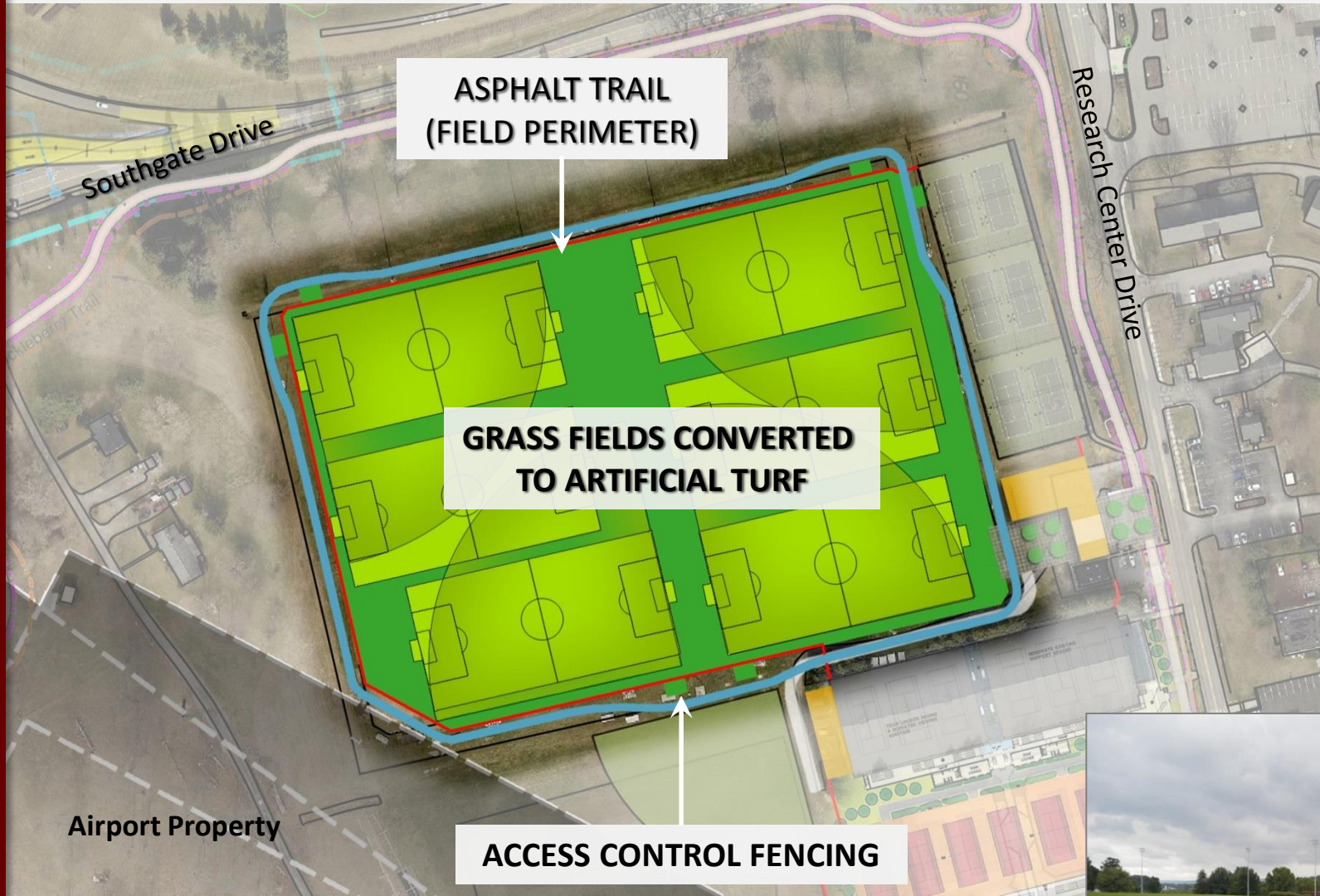


Project Location

SOUTH RECREATION FIELD SURFACE REPLACEMENT

- **Working Drawings to be complete by September 2014**
- **Start Construction November 2014**
- **Estimated construction cost \$4.2M**
- **Estimated Project Budget \$4.6M**

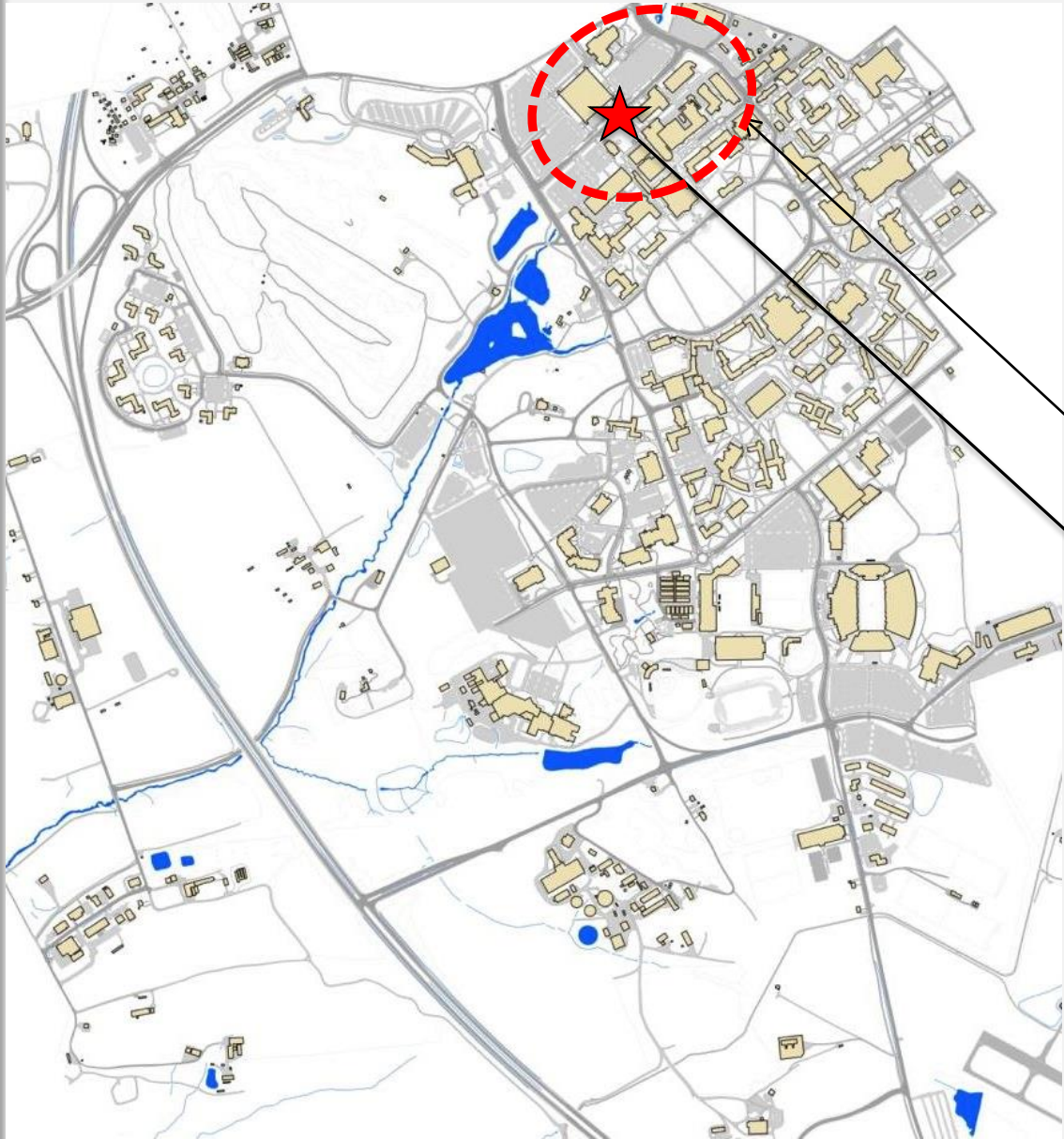
SITE PLAN



SOUTH RECREATION FIELD SURFACE REPLACEMENT

Design Preview for:
MULTI-MODAL TRANSIT FACILITY

PROJECT LOCATION MAP



North Academic Precinct

Multi-Modal Transit Facility

MULTI-MODAL TRANSIT FACILITY

Regional Transportation

To
Washington, D.C.
and Beyond



Blacksburg



Roanoke



Smart Way



Christiansburg



Radford

To Include:

- Hospital
- Sporting Events
- Other

A typical day for BT



**3.5 Million Annual
Trips in 2012**

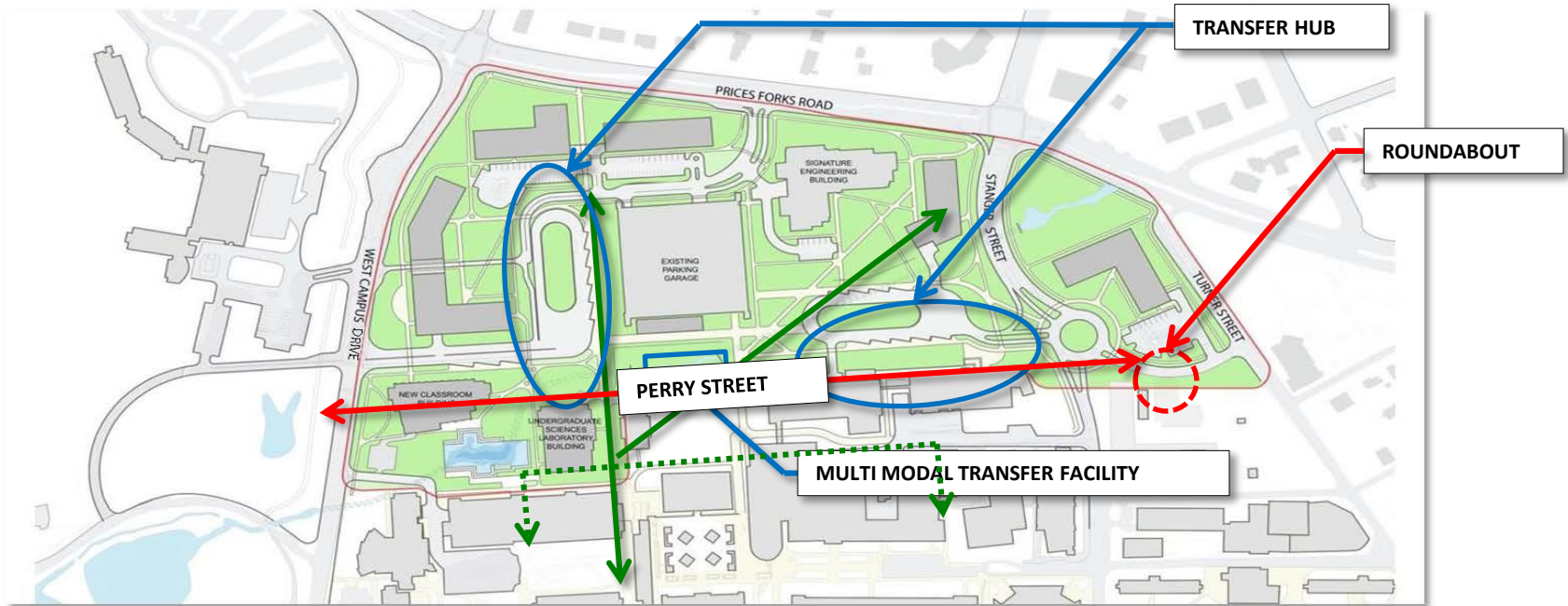
The **Drillfield** @ VirginiaTech is the current transfer hub.

Relocate to the **North Academic Precinct**.



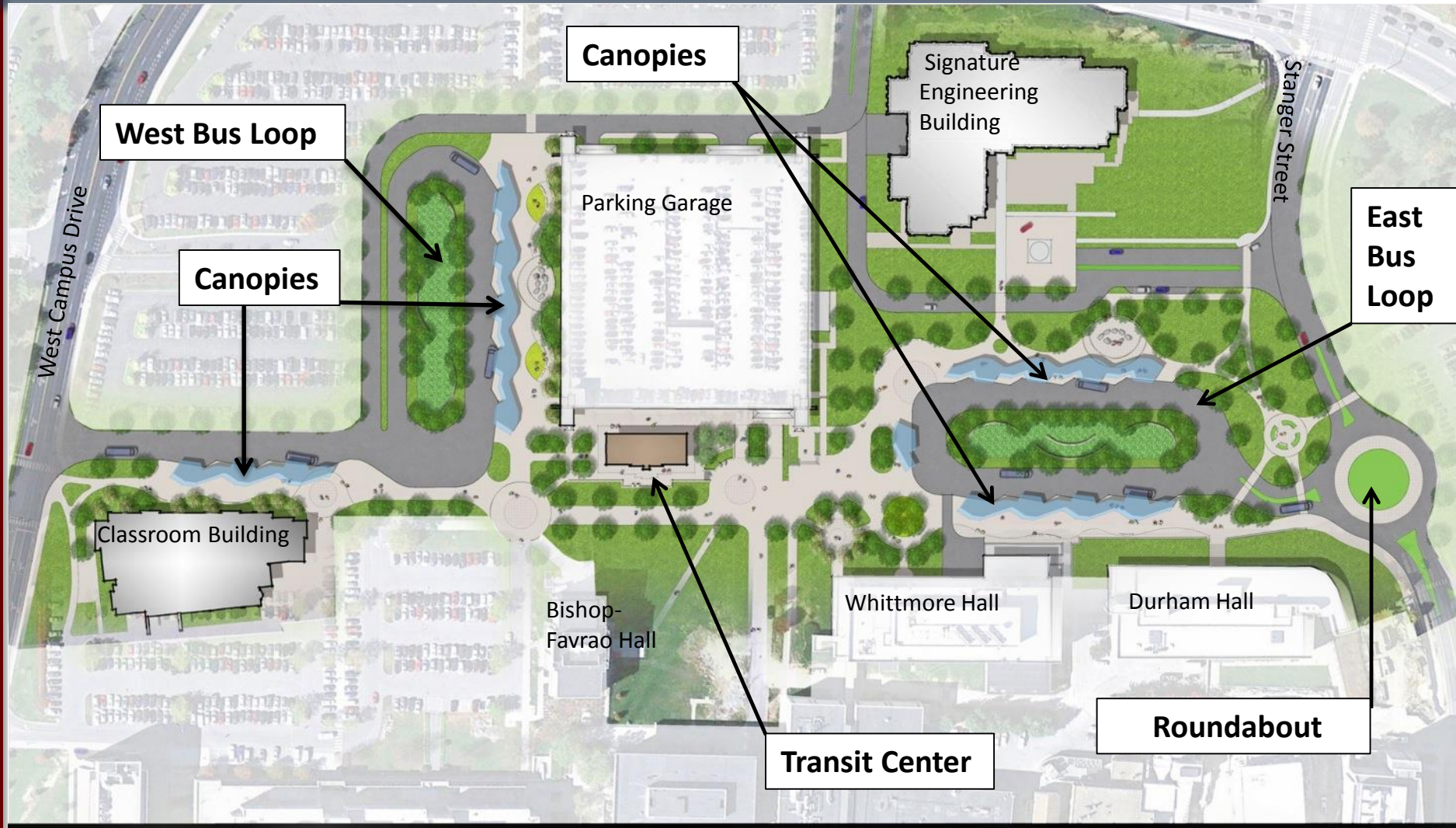
- More **efficient** = service to more passengers;
- Reduced traffic on Drillfield = **Safety!**

North Academic Precinct Plan



MULTI-MODAL TRANSIT FACILITY

MMTF Site Plan



0 50 100 150 200 250 FT

2014-09-15

View from East



Parking Deck

Signature Engineering Building

Canopies

View from East – Whittemore Hall

Parking Deck

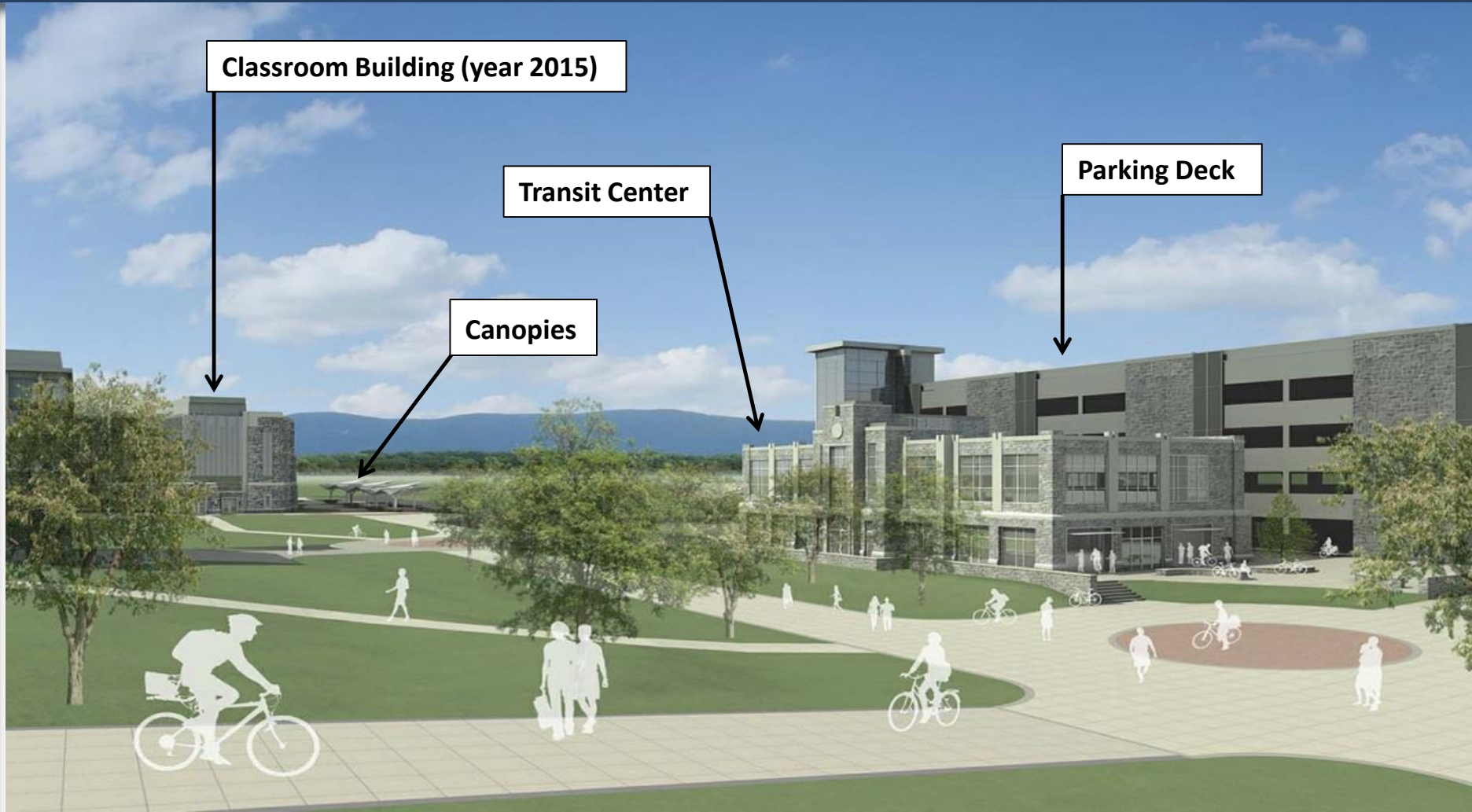
Canopies

Transit Center



MULTI-MODAL TRANSIT FACILITY

View from Southeast



MULTI-MODAL TRANSIT FACILITY

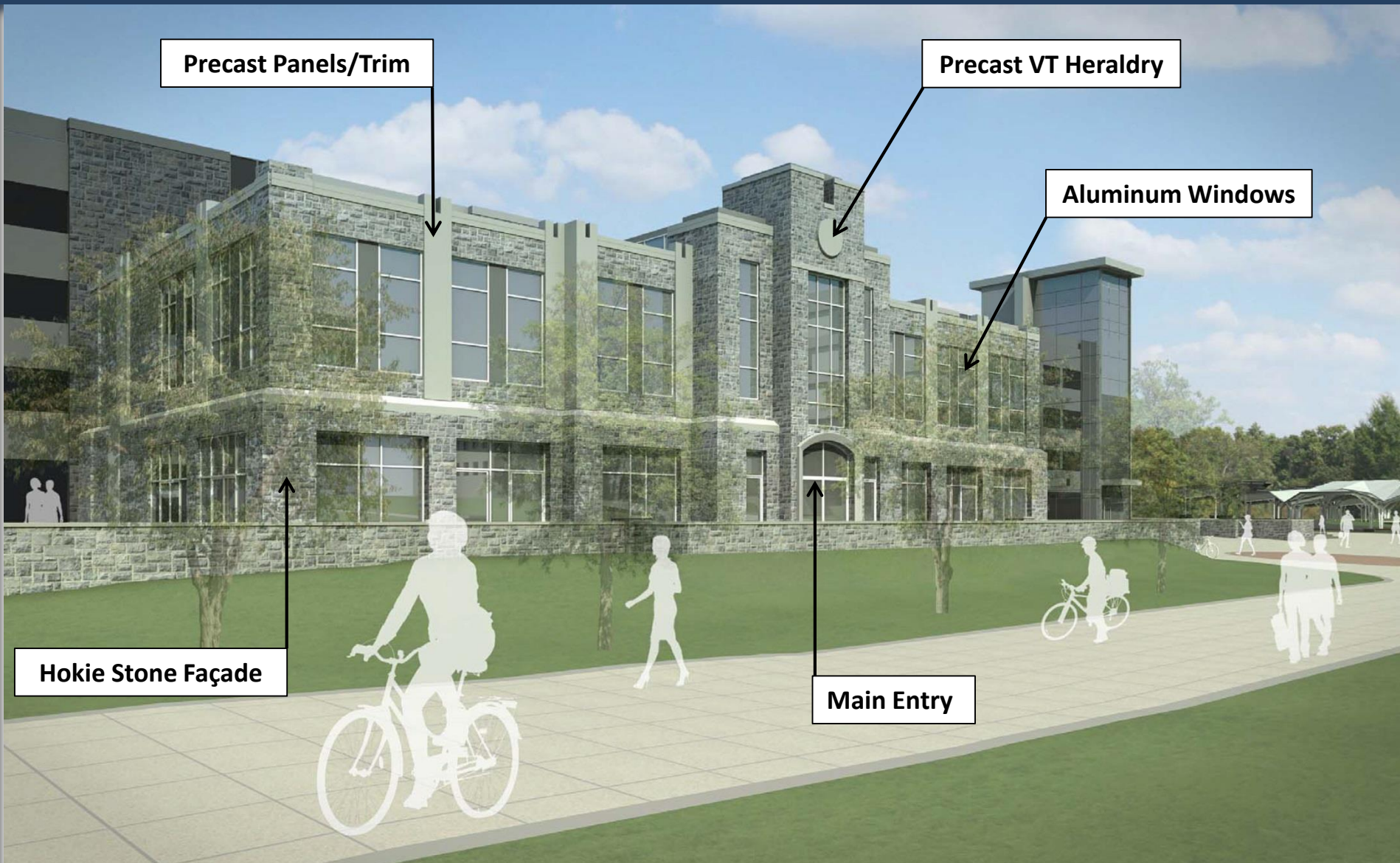
West Bus Loop Canopies

Parking Deck

Transit Center



Transit Facility South & West Elevations



Precast Panels/Trim

Precast VT Heraldry

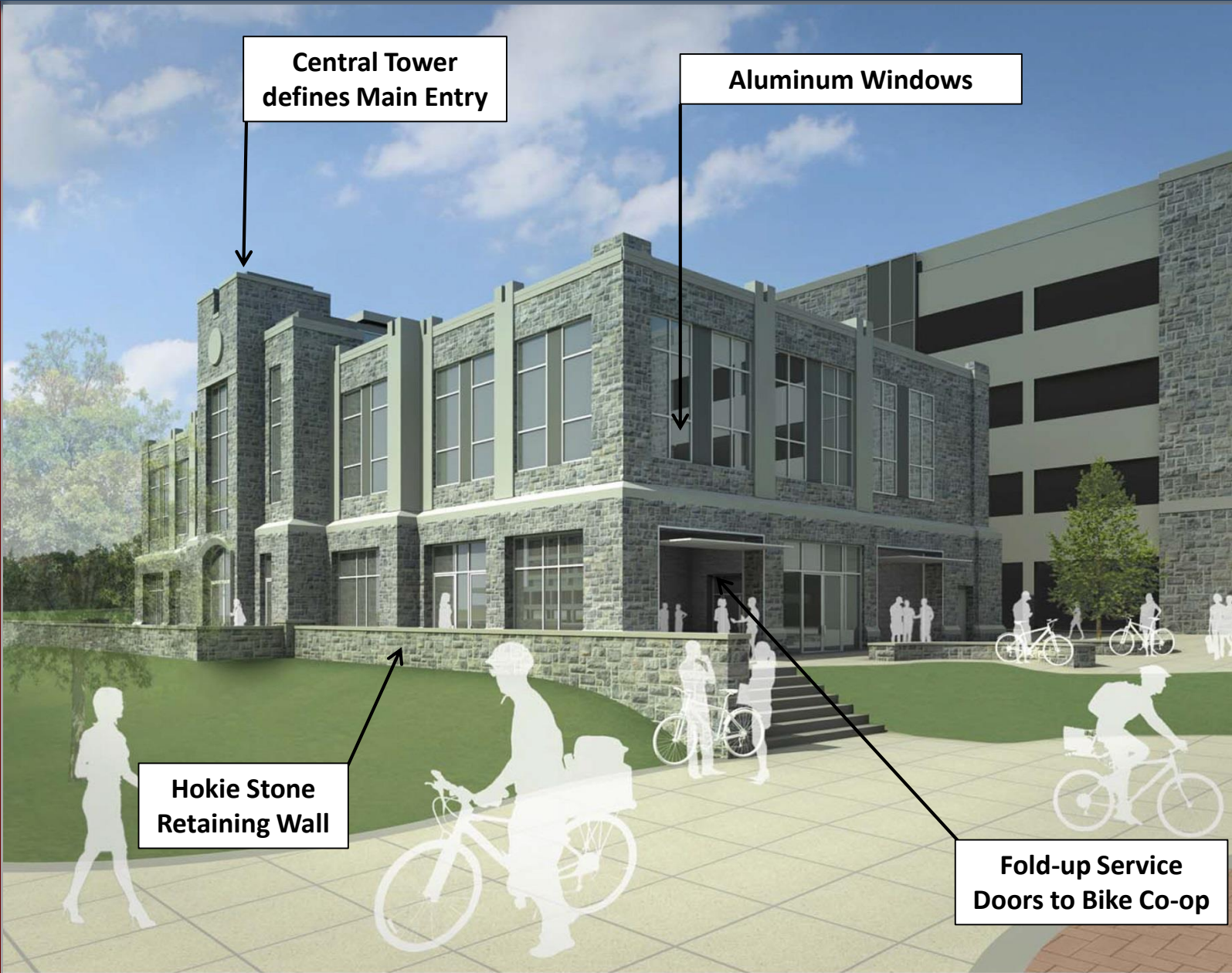
Aluminum Windows

Hokie Stone Façade

Main Entry

MULTI-MODAL TRANSIT FACILITY

Transit Facility South and East Elevations



**Central Tower
defines Main Entry**

Aluminum Windows

**Hokie Stone
Retaining Wall**

**Fold-up Service
Doors to Bike Co-op**

MULTI-MODAL TRANSIT FACILITY

West Loop Canopies



Bus Slip

Canopy Steel Framing

Segmented Canopy Roof Panels

Hokie Stone Bases with Bench Seating

**Stadium Woods Forest
Management Plan - Update**



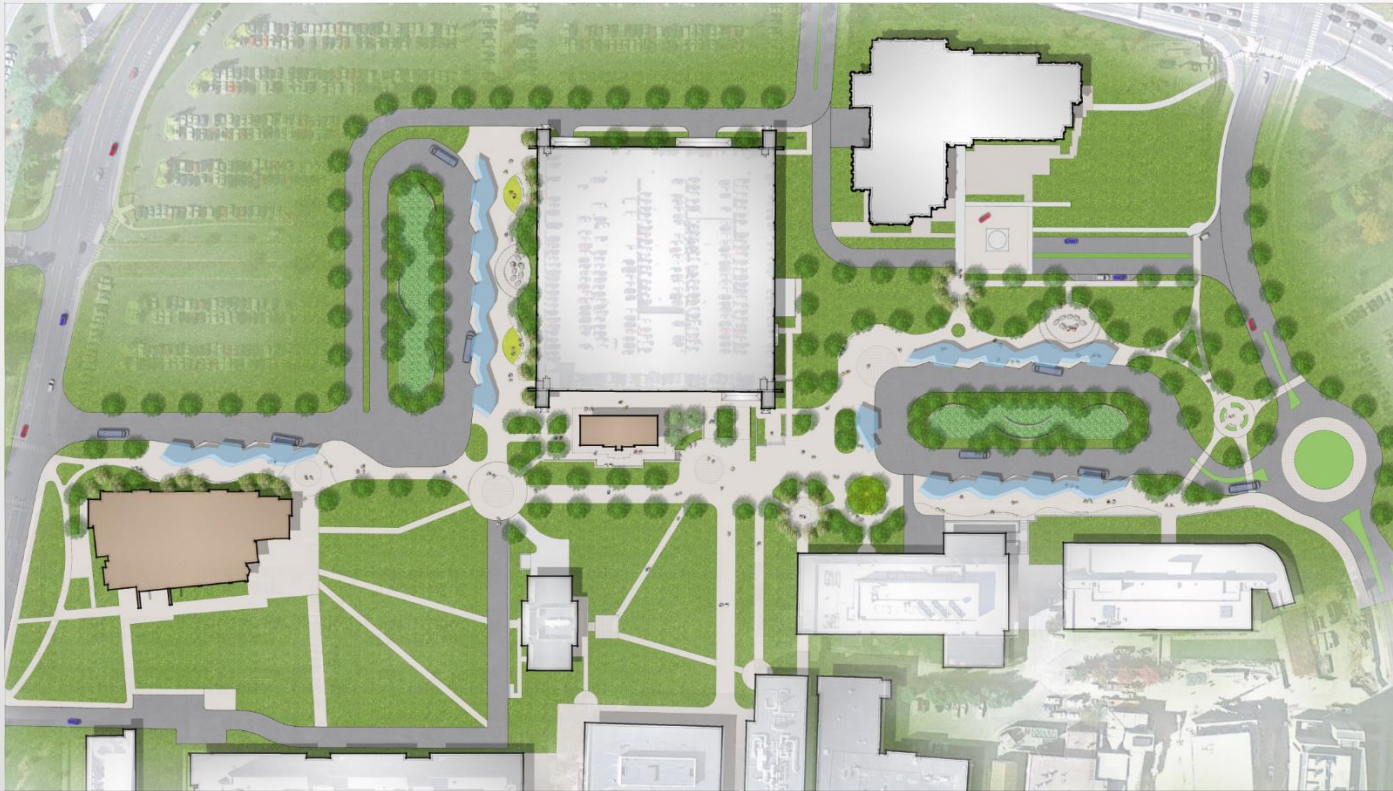
Stadium Woods

North Academic Campus

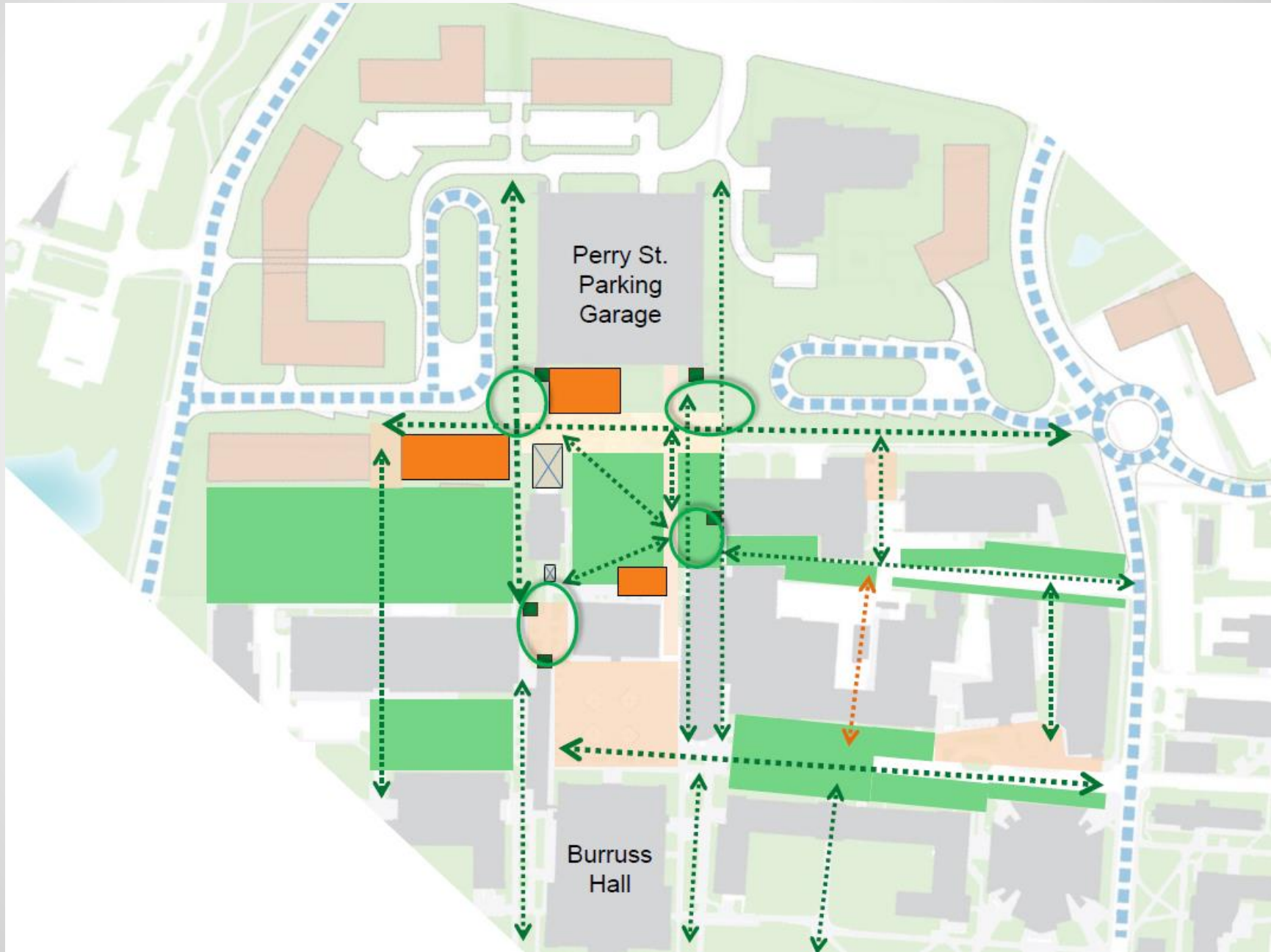
Pedestrian Study -

Update

***Site for North Academic
Pedestrian Study including
MMTF Details:***



Main Pedestrian Corridors and Intersections



Preliminary Option 1 taking a Curvilinear Approach



Preliminary Option 2 taking a Rectangular Approach



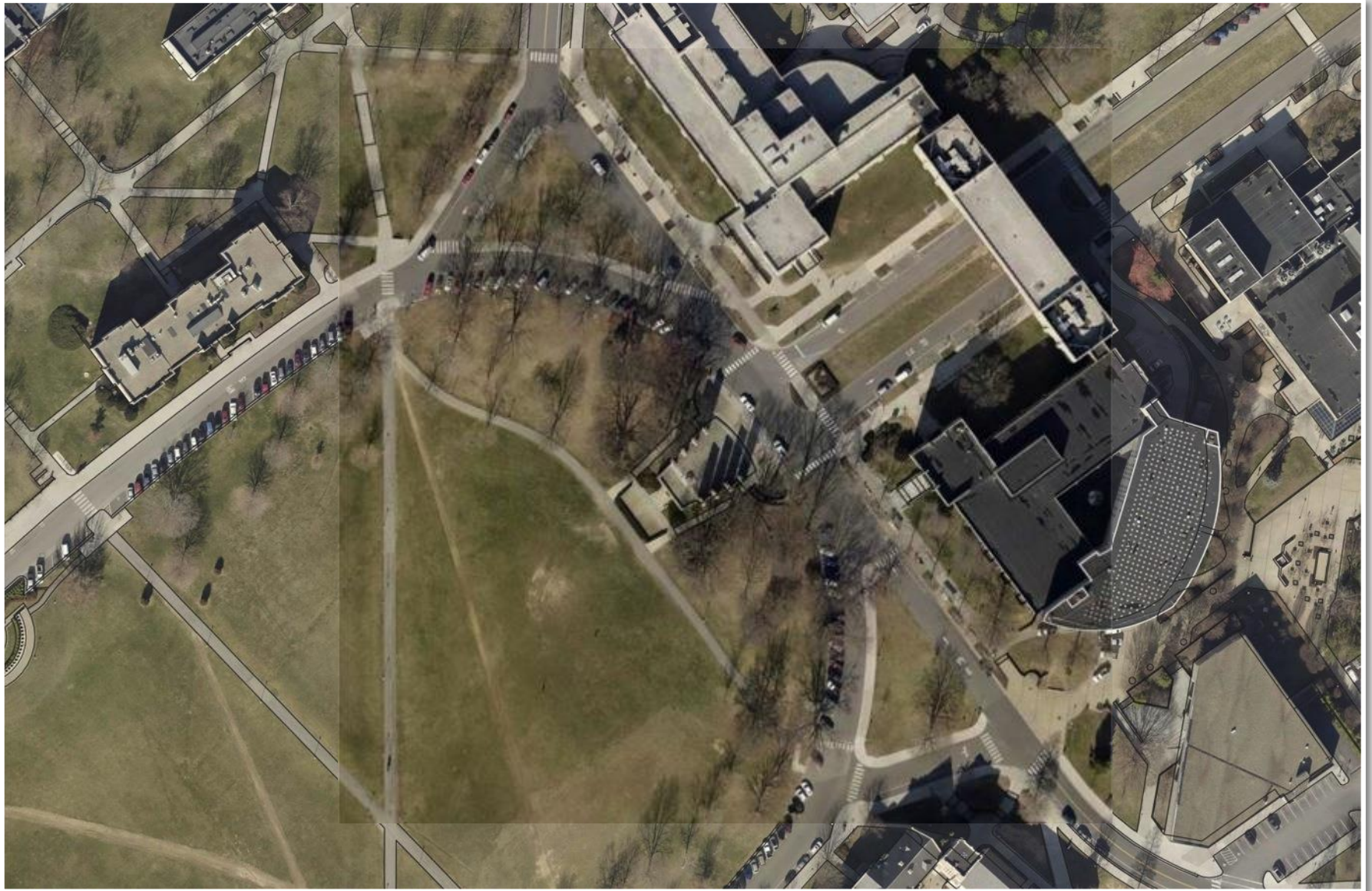
Ideas on Staircase Enhancements



Ideas on Sidewalk and Service Roads Enhancements



Grounds Enhancements
(Summer 2014) - Update



DRILLFIELD ROAD IMPROVEMENTS – Existing Aerial Photo



Collaborative review with stakeholders including:

- Parking & Transportation Office
- Site & Infrastructure Development Office
- Town of Blacksburg
- Blacksburg Transit
- Town of Blacksburg Traffic Engineers
- Arboretum Committee
- Others



ACADEMIC CORE: Alumni Mall – Parking Enhancements



CHEATHAM-WEST END MARKET WALKS- PROPOSED IMPROVEMENTS
 Virginia Tech Office of University Planning 1"= 20' 04/21/14



ROBESON/ DERRING PARKING IMPROVEMENTS
 Virginia Tech Office of University Planning Not to Scale 07/11/13



ENHANCING THE OUTDOOR ENVIRONMENT- Quad Enhancements



ENHANCING THE OUTDOOR ENVIRONMENT- "Visual Nodes"



ENHANCING THE OUTDOOR ENVIRONMENT- “Visual Nodes”



Spring 2014



Fall 2014



Spring 2014



Fall 2014

ENHANCING THE OUTDOOR ENVIRONMENT- "Pocket Parks"

Spring 2014



Fall 2014

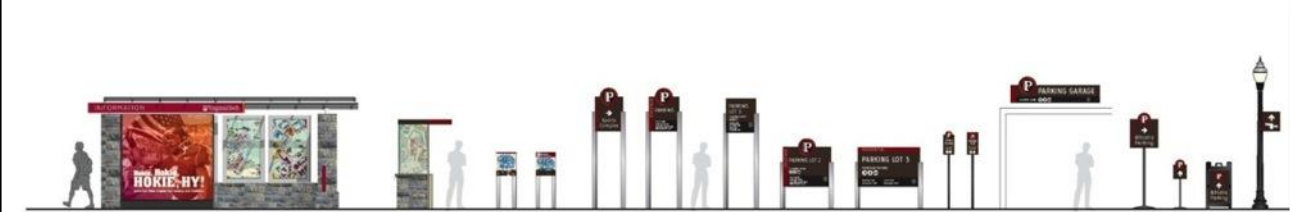


ENHANCING THE OUTDOOR ENVIRONMENT- "Pocket Parks"

Wayfinding

Successful wayfinding:

- Is **Easy** to understand & use
- Reflects **Virginia Tech's Culture** and reinforces our **Brand**
- **Compliments** our unique **Architecture** and campus **Landscape**



Bike Parking

Master Plan - Update

Bike Parking Master Plan

GOALS

- QUANTITY
- LOCATION
- DESIGN STANDARD



Before



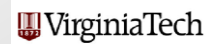
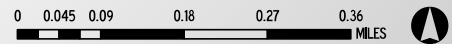
After

Transform Underutilized Spaces



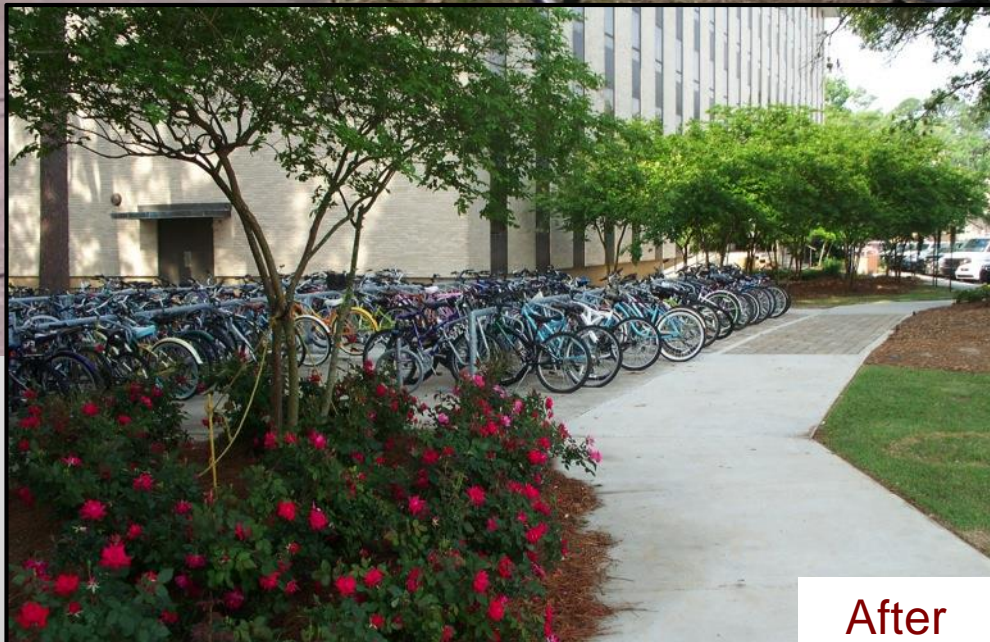
BICYCLE PARKING DISTRICTS

UPPER QUAD ZONE	DOWNTOWN CAMPUS ZONE
NORTH DRILLFIELD ZONE	WEST CAMPUS ZONE
SOUTH DRILLFIELD ZONE	ATHLETIC ZONE



UNIVERSITY BICYCLE PARKING PLAN, 2013
 DATA SOURCE: VIRGINIA TECH GIS DATABASE
 CREATED BY: KATHRYN ZERINGUE, 7.1.13

Before



After

Virginia Tech Reinventing Its Future

***Initial Scope Being Developed
for the***

2016/2017

Master Plan Update

- ***Discussion on future meeting agendas/tours.***
- ***General discussion***

• ***Meeting adjourned, thank you.***

• ***Next Meeting:***

Thursday, October 16, 2014

(10:30-11:30a.m.)

Burruss Hall - Room 325