Presentation Goal & Objectives

Goal:

Provide understanding of overall trends in proposed campus development

Objectives:

1. Revisit nature and purpose of master plan
2. Describe relationship between master plan and overall institutional strategy
3. Review structural components of the plan
4. Examine district-level plans in greater detail
5. Summarize proposals and discuss material presented
Agenda

1. Introduction (5 min)
2. Strategy (5 min)
3. Key Elements (5 min)
4. Districts (10 min)
5. Conclusion & Questions (15-20 minutes)
Introduction
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Master planning is the first step in a long-term campus development process.
Function of Master Plan

The master plan guides, but does not determine, physical development of the campus.

- Recommends land use
- Proposes new construction, redevelopment, and renovation projects
- Does not independently initiate any projects
Purpose of Master Plan

Help Virginia Tech grow intentionally, sustainably, and inclusively in order to:

- Help meet higher education demand in Virginia
- Produce research that solves problems and expands knowledge
- Generate economic activity
Scope of Master Plan

Covers Blacksburg, Roanoke, Northern Virginia, and 11 ARECs
Strategy
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Vision & Mission

Improve the world through knowledge and creativity

Vision
Virginia Tech will be a global leader by inspiring and empowering people to learn, innovate, and serve beyond boundaries.

Mission
Inspired by our land-grant identity and guided by our motto, Ut Prosim (That I May Serve), Virginia Tech is an inclusive community of knowledge, discovery, and creativity dedicated to improving the quality of life and the human condition within the Commonwealth of Virginia and throughout the world.

Integrated Research Land-Grant Strategic Priorities

- RESEARCH DISCOVERY
- TEACHING LEARNING
- OUTREACH ENGAGEMENT
- Global and National Impact
- Institutional Excellence
- Talent Destination
- The Ut-Prosim (That I May Serve) Difference
Strategic Plan

β Provide an affordable, high-quality education

β Educate students for a knowledge-focused economy

β Create hubs of research activity in specific areas of impact

BEYOND BOUNDARIES
KEY PRINCIPLES AND CONCEPTS

- Academic Excellence, World Class Research, and Ut Prosim (That I May Serve)
- Engagement with the Whole Person
- Innovation
- Affordability and Accessibility
- VT-Shaped Discovery
- Communities of Discovery
- Nexus of Discovery
Strategic Plan

Expand physical footprint in key locations of activity

Support state efforts to enhance the tech economy

Continue to advance Virginia Tech’s traditional land grant mission

BEYOND BOUNDARIES
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- Nexus of Discovery

BEYOND BOUNDARIES
CURRENT INITIATIVES
- Experiential Learning
- Campus Master Plan
- Discovery to Market
- InclusiveVT
- Innovation Campus and National Capital Region Expansion Including Academic Incubator/Accelerator
- VTC Health Sciences and Technology Campus Growth
- Rural Virginia Initiative
- Agricultural and Natural Resources Initiative
- Commonwealth Cyber Initiative
- Beyond Boundaries Scholarship Program
- Transdisciplinary Research and Learning Communities (Destination Areas and Strategic Growth Areas)
- Pathways General Education Curriculum
- Partnership for an Incentive Based Budget (PIBB) Model
Strategic Plan

- Leverage resources (including physical space) to solve global problems
- Make investments that serve the common good
- Make Virginia Tech a destination for top talent
- Make Virginia a destination for top talent
- Create and sustain a high-quality of service delivery

BEYOND BOUNDARIES

KEY PRINCIPLES AND CONCEPTS

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BEYOND BOUNDARIES

STRATEGIC PRIORITIES

- Global and National Impact
- Ut Prosim (That I May Serve) Difference
- Talent Destination
- Institutional Excellence
Key Elements
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PLAN DRIVERS

01 The VT Experience

02 Sense of Place

03 Connections

04 Growth

05 Access for All

06 Sustainability
CAMPUS VISION

01: The Central Spine
02: The Agricultural Belt
03: The Campus Districts
04: Tech + Town
05: The Infinite Loop
06: The Green Links
FRAMEWORKS

01 Academic & Research Framework
ENHANCING LEARNING AND RESEARCH ENVIRONMENTS

02 Strategic Partnerships Framework
EXPANDING STRATEGIC PARTNERSHIPS

03 Campus Life Framework
FOSTERING AN INCLUSIVE CAMPUS LIFE EXPERIENCE

04 Landscape Framework
PROTECTING THE LAND GRANT LEGACY

05 Mobility Framework
PROMOTING ACCESS AND MOBILITY
Districts
Presentation Goal & Objectives

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DISTRICTS

01 North Academic District
02 Northeast & Upper Quad District
03 Creativity & Innovation District
04 Student Life District
05 Life Sciences & Technology District
06 21st Century Living-Learning District
07 Intelligent Infrastructure Corridor

08 Peripheral Districts
   Athletics and Recreation
   Glade Road
   Oak Lane
North Academic District
Potential Development
Northeast & Upper Quad District
Potential Development
Creativity &
Innovation District
Potential Development
Student Life District
Potential Development
Life Sciences & Technology District

Potential Development
21st Century Living-Learning District
Potential Development
Intelligent Infrastructure Corridor
Potential Development
Smart Design and Construction Village
Peripheral Districts: Athletics and Recreation
Potential Development
Peripheral Districts:
Glade Road
Potential Development
Peripheral Districts: Oak Lane
Potential Development
Conclusion & Questions
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Potential Growth through 2047
Mobility Framework

Parking

District Capacity

North Academic District

Creativity & Innovation District

21st Century Living-Learning District

Life Sciences & Technology District
Mobility Framework
VEHICULAR NETWORK
Mobility Framework
TRANSIT NETWORK
Western Perimeter Road

Proposed Corridor
Western Perimeter Road

Proposed Corridor
Western Perimeter Road

Proposed Corridor
Past Studies

- 2002 Parking & Transportation Master Plan
- 2006 Campus Master Plan
- 2013 North Academic Precinct Plan with Blacksburg Participation
- 2014 MPO study
- 2016 Parking & Transportation Master Plan
- 2017 Master Plan

All recommend Western Perimeter Road
Why Do We Need this Road?

Primary Commuter Routes

Primary Commuter Parking Zones

Current Condition
Construction of Western Perimeter Road

Future Condition with WPR
Western Perimeter Road

- Citizen Information Meeting – April 22, 2019