2020 Town Gown Report to the City of Cambridge

Presentation to the Planning Board
February 2, 2021
Glen Shor
Executive Vice President & Treasurer
Covid-19

- Supporting Cambridge through a variety of collaborations
- Reconfiguring the physical campus, testing, social distancing, and contact tracing
- Research
Planning

Joe Higgins
Vice President for Campus Services and Stewardship
Context for Campus Planning

• Work of the future
• Computing and artificial intelligence
• Innovation ecosystem
• Housing
• Sustainability
Vassar Street
Student Housing

Vassar Street
Undergraduate Residence
January 2021

Graduate Tower at Site 4
November 2020

70 Amherst Conversion

West Campus Graduate
Student Dormitory
Permitting in 2021
Capital Renewal

- Burton Conner Residence Hall Renewal
- Building 7 Dome
- Pierce Boathouse Renovation
- Building 54 Infrastructure
Kendall Gateway

Graduate Tower at Site 4

Innovation Headquarters (iHQ)

Admissions Forum

Welcome Center

Open Space
Sustainability

Julie Newman
Director of Sustainability
To enable an MIT community that can fulfill the mission of the Institute and thrive in the face of disruptions from intensifying climate risks including more frequent and extreme flooding and heat.
Universities should lead the way on climate action, MIT panelists say

An online symposium explores roles for research universities and outlines the Institute’s efforts to be a testbed for research and policy innovations.

Becky Ham | MIT News Office
October 23, 2020
Toward net positive

Our Campus
Reduce our footprint accounting protocol

213,000 MTCO2e baseline

2014 2020 2025 2030 2050

1. Leading-edge energy design in new buildings and renovations
2. Energy enhancements in existing buildings
3. Convert campus distribution from steam to hot water
4. On-campus renewable energy
5. Electrification of transportation
6. AI-enabled energy systems
7. Behavior change
8. Electrification of buildings

Breakthrough Technology!

Global
Reduce emissions in the world Large-scale partnership solutions

Summit Farms
Summit Farms
Summit Farms
Broader engagement with others
Broader engagement with others
Broader engagement with others

9. Broader engagement with other institutions for large scale carbon reduction
10. Address broader emissions boundaries and Scope 3 impacts

Striving for fossil free
Research

How to inform a strategy and framework to guide sustainable campus PPE procurement & disposal
Kendall Square

165 Main Street
Spring 2022

238 Main Street
Fall 2021

314 Main Street
Fall 2020
New DOT Volpe Facility & 730-750 Main Street

Volpe Facility
Fall 2023

730 & 750 Main Street
Fall 2022
Volpe Redevelopment

Volpe Masterplan

- 2.8 million SF of GFA, including:
  - Approx. 1,400 units of housing (+280 affordable)
  - +20,000 SF community center
  - +100,000 SF retail & entertainment space
  - Approx. 3.5 acres of open space

• Approx. 1,400 units of housing (±280 affordable)
Community Support

Sarah Gallop
Co-Director, Office of Government & Community Relations
Volpe Community Engagement

**Ongoing Community Engagement**
- Volpe Block Party #4
  - Virtual event on CCTV
  - Ice cream truck in neighborhoods

**Volpe Equity Workshop #3**
Volpe Community Center: Collaborating with Nearby Programs
Wednesday, February 10, 2021
6:30-8:00 pm via Zoom

**Equity & Inclusion Workshops**
- Community center programming
- Open spaces programming
- Retail diversity
- Housing
- Employment
Diversity, Equity, & Inclusion

- DEI@MIT Strategic Action Plan
- ICEO leadership and programming
- A welcoming physical campus
- Inclusive programming that enlivens campus spaces
- DEI lens for project planning
12. What have been some of the biggest mistakes you’ve made, and what did you learn from them?

One of the biggest mistakes I have made is to take things too seriously, therefore, I try to keep an open mind and stay positive in difficult situations.
K-12 Programs & Full STEAM Ahead