



# CONNECTIONS

Building a Connected Community



LEHIGH  
UNIVERSITY

# Why Now?

- Expansion: including the addition of approximately 1,000 undergraduate students, 500 graduate students, 100 faculty members, and 100 staff.
- Infrastructure: Must accommodate development of the new student housing, new College of Health, new building, and renovated existing buildings.
- Connectivity: Integration with the Mountaintop and Goodman campuses, as well as SouthSide Bethlehem.

# Parking Capacity – Pre-Development

Lehigh University currently has 6,405 parking spaces, not including 4,689 parking spaces on Goodman Campus that are used as visitor parking or grass field areas for large events.

# Population Growth

- Total 2017-2018 Campus Population: 9,950
- Total Population Anticipated: 11,650

# Parking Space Reduction

- SouthSide Commons: 243
- Bridge West: 104
- College of Business & Economics: 44
- Health, Science, Technology: 127

**Subtotal: 518**

# Parking Spaces Converted

- Resulting in Less F/S Spaces:
  - Loading Zones: 51
  - Car-Free Zone: 270
- Resulting in More F/S Spaces:
  - Short Term F/S Spaces: 35
  - Farrington Square-Student Zone: 130

# Parking Spaces Added

- Added Parking Inventory
  - New Street Garage Lease: 163
  - Northside Commuter Lot (Pilot): 150





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Check out the full size model  
at Alumni Hall!

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# What's Changing?

Over the next 8 years Path to Prominence Initiatives throughout campus will result in changes to existing parking inventory on Asa Packer Campus. The following parking lots will be affected by various projects:

- Whitaker Parking Lot – Health Science Technology Building
- Parking Inventory in the Campus Core – Car-Free Zone
- Webster & Packer Parking Lot – Business Expansion
- Trembley and Kappa Delta Parking Lots – Bridge West Housing
- Expansion of Programming on Mountaintop Campus
- Expansion of Academic Programming on Asa Packer Campus
- Increase in Student Population

# PTP Projects

- Renovation of Building C at the Mountaintop Campus (COMPLETED Summer 2018).
- Construction of SouthSide Commons dormitory with approximately 428 beds.
- Construction of a new Health Sciences Technology building.
- Construction of Bridge West – Phase I dormitory with approximately 400 beds.
  - Demolition of House 82.
- Expansion of the Mountaintop Campus programming.
- Conversion of portions of the interior Asa Packer campus to service vehicle spaces and/or loading zones

# PTP Projects

- Conversion of interior portion of Asa Packer Campus to Car-Free Zones.
- Construction of Bridge West - Phase 2 dormitory with approximately 315 beds
  - Demolition of Trembley dormitory.
- Construction of an new College of Business and Economics (CBE) building on Parking Lot 191
  - Demolition of Facilities Department at 461 Webster Street
  - Demolition of Zoellner Administration Office at 203 E. Packer Avenue
- Renovation and Addition to the University Center.

# Why build on Parking Lots?

- The 2012 Masterplan, the 2016 Science and Engineering Framework, and the 2016 Residential Masterplan identified open lots as desirable building locations.
- A number of criteria make them ideal for new projects:
  - Site availability does not require demolition of existing structures in an environment with limited potential locations
  - Proximity to existing campus programs makes the locations functional from an academic and social perspective
  - Improved connections to the city of Bethlehem.



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# Vision for a New Mobility Ecosystem

Campus planning, enrollment growth targets, and sustainability goals require that Lehigh reduce the number of single-occupancy vehicles (SOVs) on the Asa Packer Campus. FY19 is the start of a phased approach to achieve this goal via a comprehensive program. Lehigh University's Connections Plan will reduce the reliance on the automobile for on campus travel, promote ridership and expansion of the Lehigh University transit system and encourage health and wellness through walking and cycling, resulting in a more collaborative, less congested, and more sustainable environment for students, faculty, staff, alumni, and visitors alike. The Connections Plan will seek to accomplish the following thematic goals:

- Foster a multimodal culture
- Achieve environmental sustainability
- Enhance health & wellness
- Minimize investment in new parking structures

# Initiatives

## Parking System



## Gateways



## Mobility Solutions



## The Pedestrian Experience



## How Lehigh Works



## Transit System

