

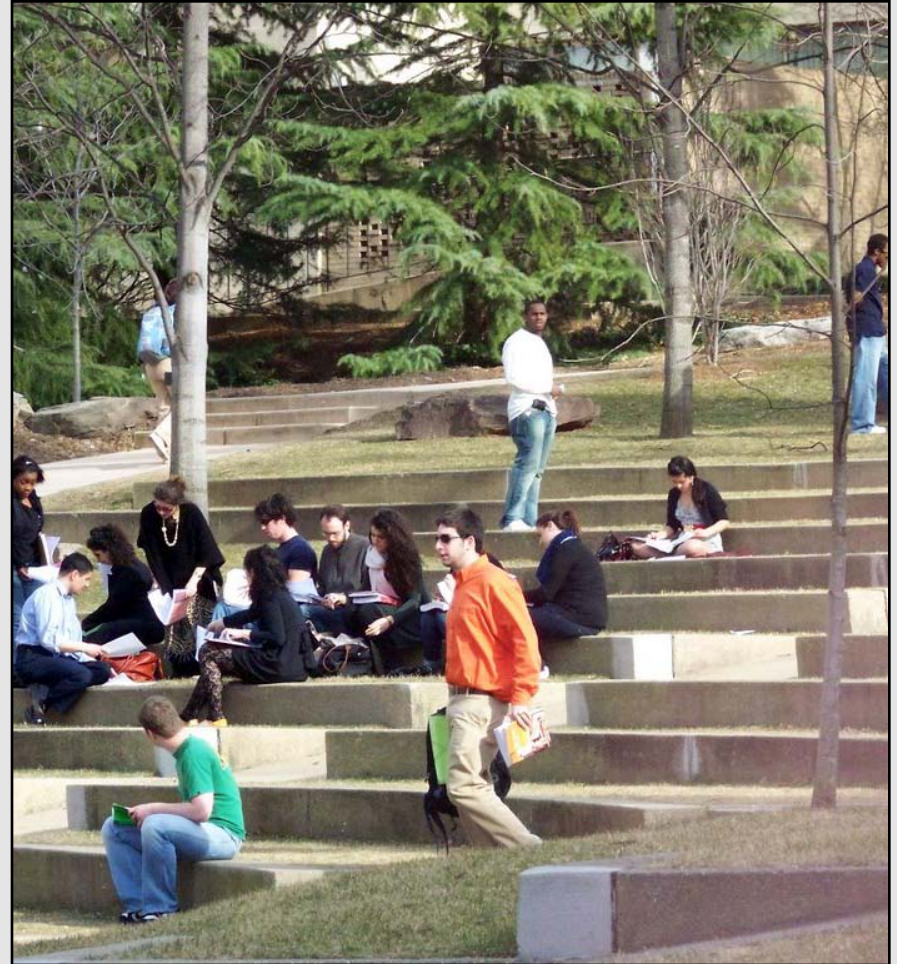
Transportation Existing Conditions

Master Plan Update



Outline

- Introduction
 - Who are we?
 - What's our role on the team?
- Review of transportation modes at AU
 - Existing conditions
 - Changes since last Master Plan update
 - Considerations for this update
- How do we evaluate a Master Plan?
 - Measures of Effectiveness
- Next Steps



Who are We?



Gorove/Slade Associates

Transportation planners and
engineers

Local, small business

Local and national experience
working on college campuses



Georgetown
UNIVERSITY

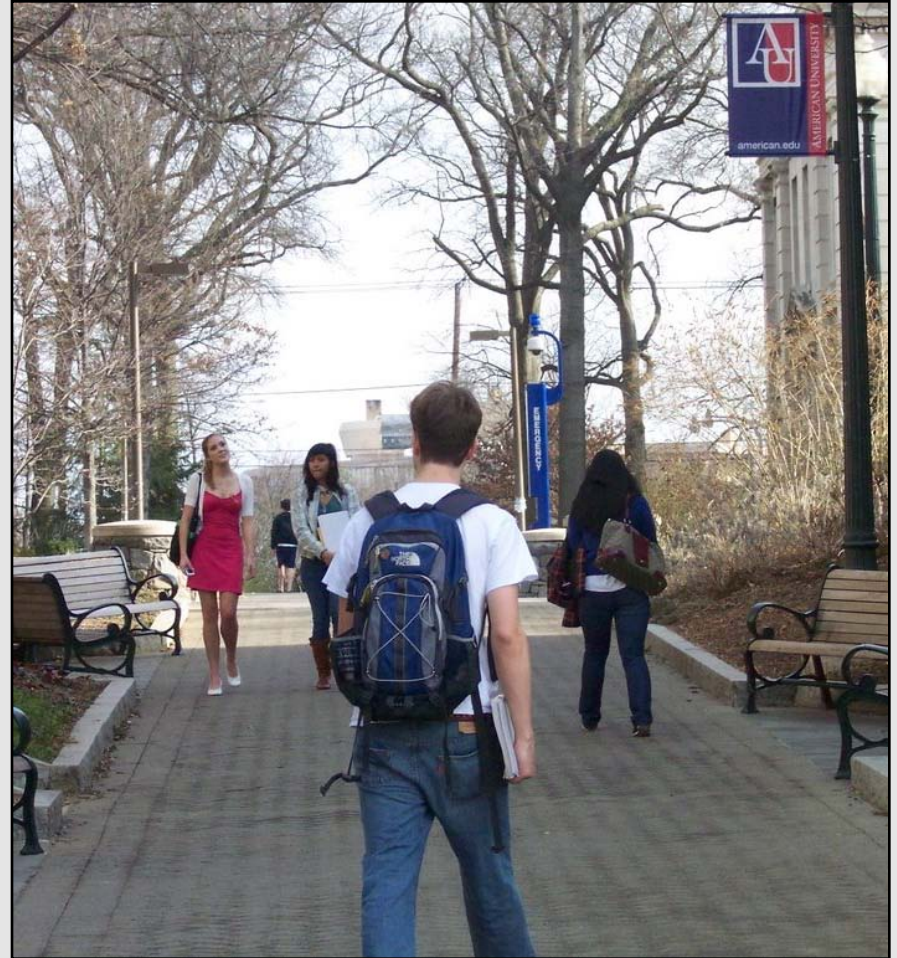
PRINCETON
UNIVERSITY



INDIANA UNIVERSITY

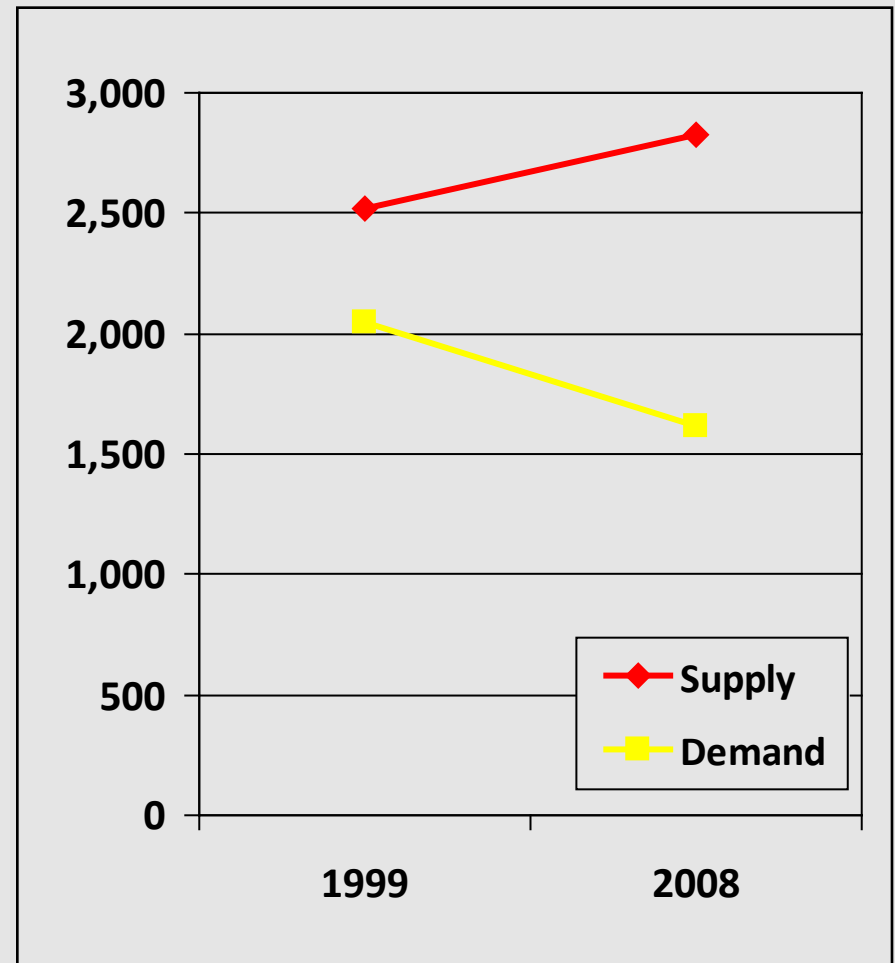
What's Our Role?

- Assess existing conditions
- Give input to planning team
 - Problem areas
 - Opportunities
 - Trends, predictions
- Evaluate alternatives
- Guide development of final plan -- minimize negative impacts
- Produce analyses and documentation to support plan



Parking

- Existing conditions:
 - All students, faculty, staff and visitors are required to park on-campus
 - Ample parking supply
 - Attempt to strike a balance so not to encourage driving
- Since last Master Plan:
 - Demand has decreased significantly
 - Parking management program implemented



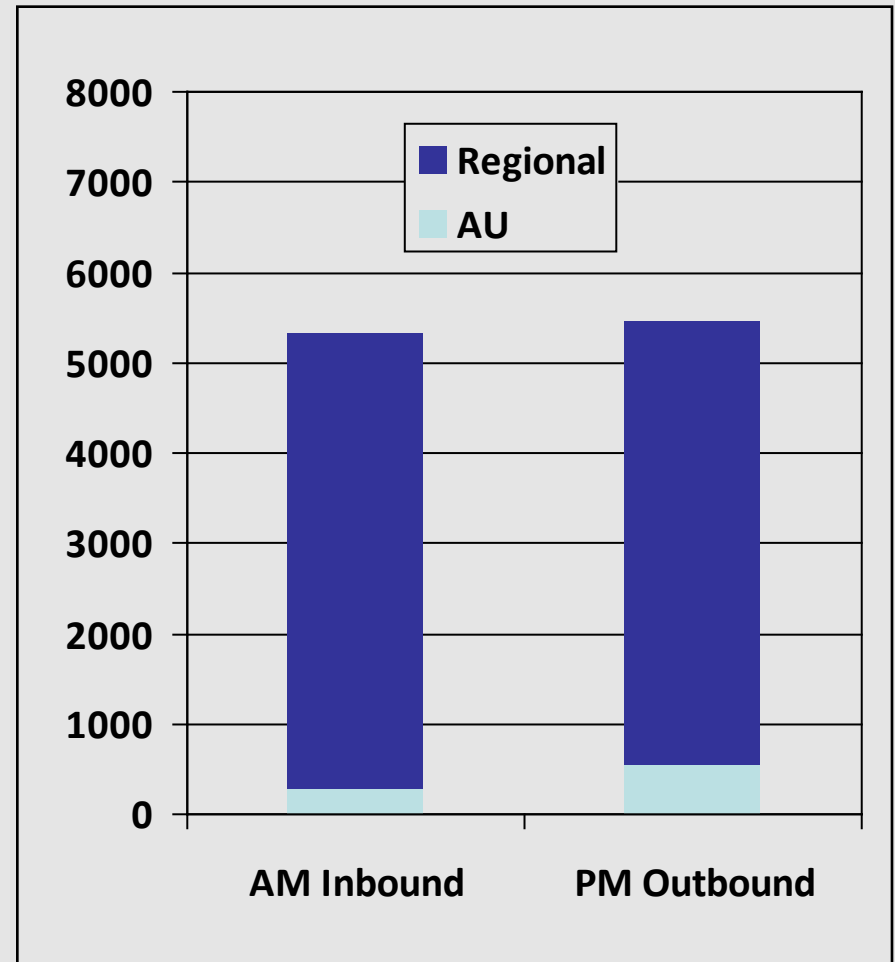
Parking

- Considerations for update:
 - No need for additional parking
 - Look for ways to reduce supply, keeping balance in mind



Vehicle Traffic

- Existing conditions:
 - Commuter dominant roadways surround AU
 - AU represents 8.5% of traffic on surrounding roadways during rush hour
 - Review of accident data showed no major concerns
- Since last Master Plan:
 - AU trip generation down 10%
 - Capacity analyses showed traffic was worse 10 years ago



Vehicle Traffic

- Considerations for update:
 - No changes to AU access are necessary for traffic reasons
 - Look for opportunity to investigate relatively high accident rate at Nebraska & New Mexico



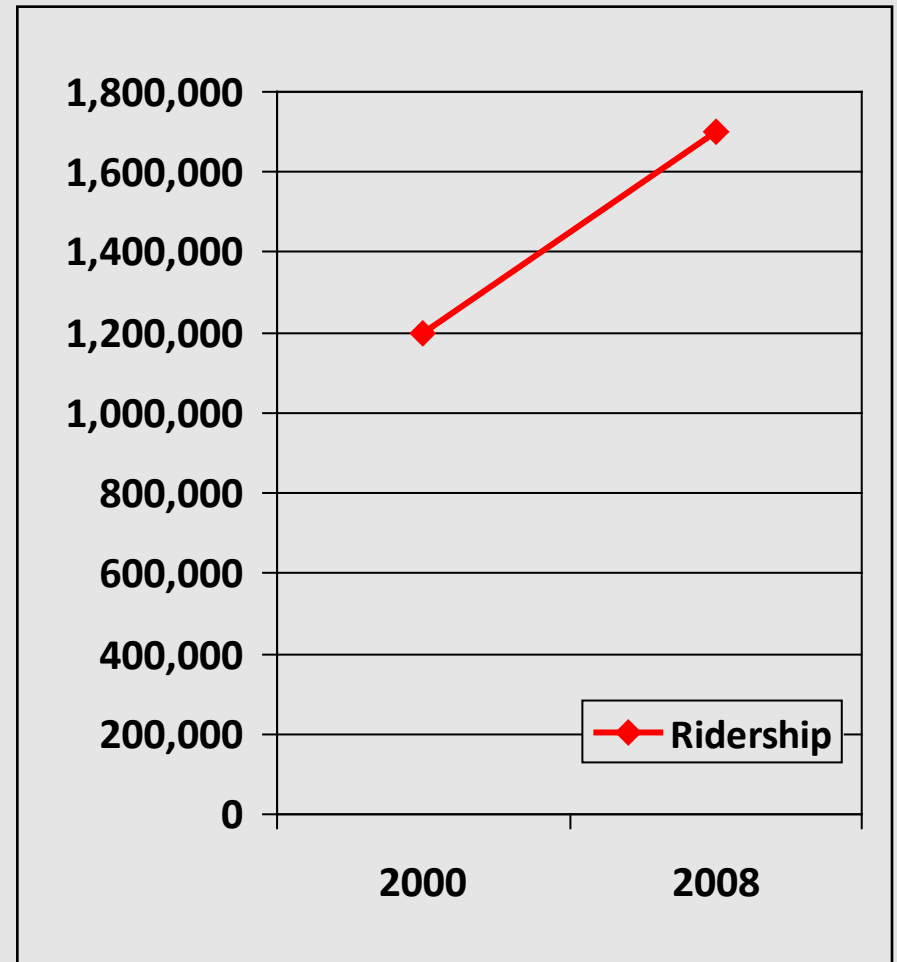
Shuttles and Transit

- Existing conditions:
 - AU provides shuttle service between AU main campus, Washington College of Law, Tenley campus and Tenley Town-AU Metrorail Station
 - Provided 1.75 million passenger trips in 2008
 - 7-10 minute headways during AM and PM peak periods
 - AU is directly served by Metrobus and has easy access to Metrorail Stations located on the Red Line



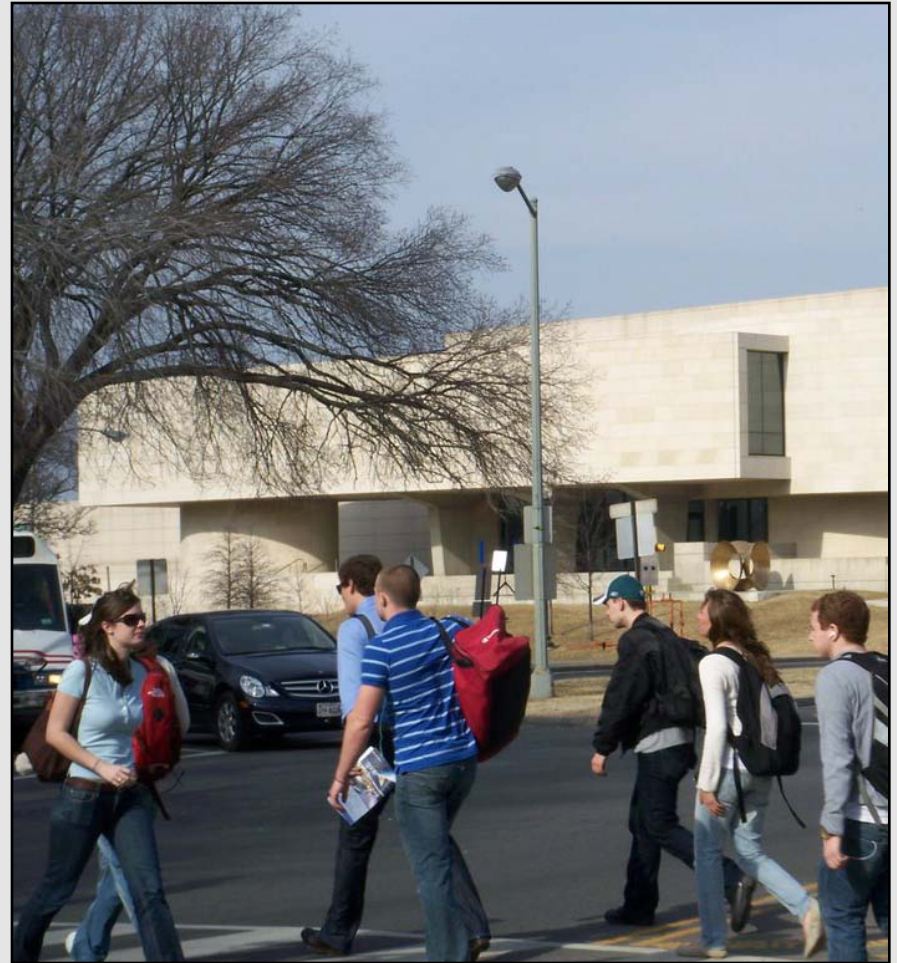
Shuttles and Transit

- Since last Master Plan:
 - Ridership is up 40%
- Considerations for update:
 - Sustain growth in shuttle ridership
 - Look for opportunities to improve on-campus stops
 - Explore technology based amenities for riders



Pedestrian

- Existing conditions:
 - AU is a compact campus with good pedestrian walkways throughout and a vibrant, pedestrian only center
 - Heavy pedestrian volumes at crossings on Massachusetts
 - Concerns on mid-block crossings at Nebraska Lot
- Considerations for update:
 - Reexamine mid-block crossings at Nebraska Lot
 - Look for opportunities to widen sidewalks on campus at certain locations



Bicycle

- Existing conditions:
 - Bicyclists are visible throughout the campus during pleasant weather and bicycle racks are often full, regardless of weather.
 - Campus access routes have fair to poor bicycling conditions
- Considerations for update:
 - More bicycle parking
 - Bike-sharing
 - Accommodate DDOT Bike Master Plan



Sustainability

- Existing Conditions:
 - Compact nature of campus leads to many short and efficient trips
 - Shuttles decrease use of automobiles to/from campus
 - Car-sharing provided as an option
- Considerations for update:
 - Increase availability of non-auto modes
 - Explore adding more incentives for non-auto modes
 - Decrease amount of non-permeable pavement on campus
 - Explore use of low-emission vehicles for shuttles

Measures of Effectiveness

- Tools used to compare alternatives to Master Plan and judge relative impact on transportation network
- Possible MOEs to be used:
 - Intersection capacity
 - Transit routing and service levels
 - Walking times/amount of facilities
 - Bicycling times/amount of facilities
 - Expected changes to mode split, decrease in automobile use
- Analysis will depend on the type of alternatives and plan developed

What are our next steps?

- Get feedback
- Work with team to develop alternatives
- Evaluate using MOEs and help develop final Master Plan
- Finalize report
- Submit to district agencies

