

# Transportation Demand Management Plan





# Transportation Management Plan (TMP)

- ❑ Goals
  - ❑ Mitigate adverse traffic impacts of the proposed new developments.
  - ❑ Improve availability, access and way-finding for patient parking.
  - ❑ Influence travel choices of campus commuters; reduce potential adverse impacts on local traffic congestion and air pollution.
  - ❑ Establish an opportunity to work cooperatively with federal and local agencies.
  - ❑ Obtain better information required for analysis of transportation and parking related issues.
- ❑ Transportation Program Manager & Coordinator.
- ❑ Staff Parking Ratio
  - ❑ Pre-Construction (Q1, '08) – 1:2.8
  - ❑ NCPC / TMP – 1:3
  - ❑ Post BRAC Integration (Q4, '11) – 1:4



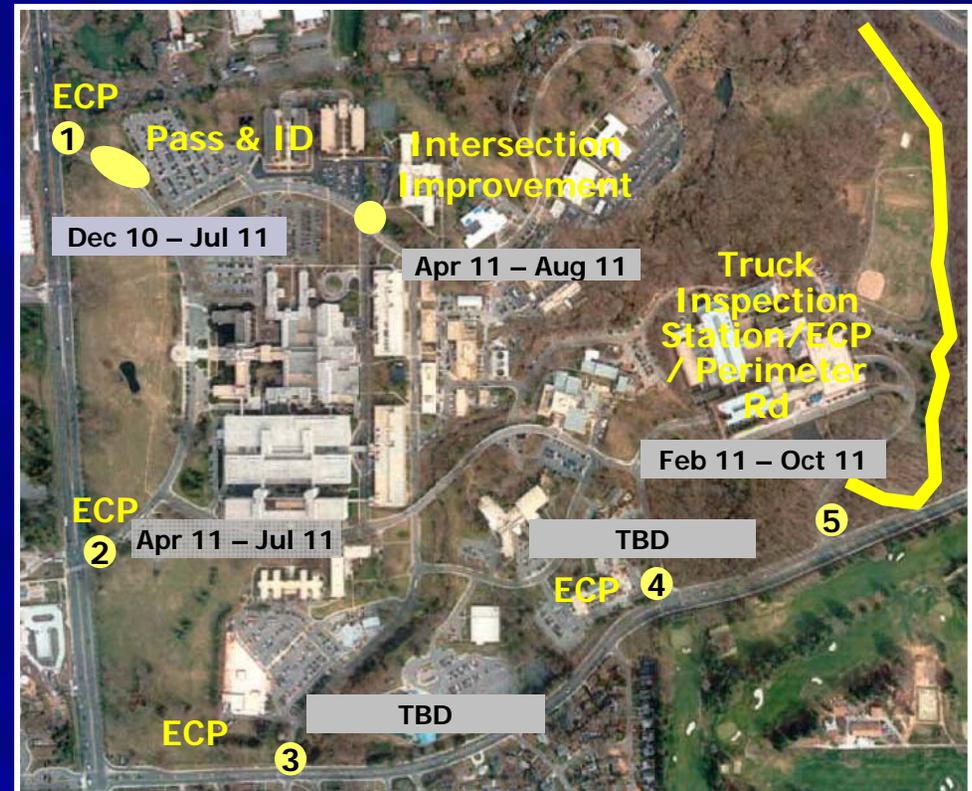
# Transportation Management Plan (TMP)

- ❑ Staff Education
  - ❑ Orientation
  - ❑ Ridesharing & Mass Transit Workshops
  - ❑ Town Halls
  - ❑ Inter / Intranet Websites
  - ❑ All Hands / Postmasters
  - ❑ The Journal
  - ❑ Brochure / Literature Racks
  - ❑ Annual Commuter Survey
  - ❑ Commuter Fair
- ❑ On Campus Shuttle Services
- ❑ Parking Management
- ❑ Express Bus Service
- ❑ Ongoing Study / Project
  - ❑ ADA Study: Identify internal improvements to assist with ADA accessibility.
  - ❑ Traffic Study: Identify internal improvements to assist with pedestrian & vehicular traffic flow.
  - ❑ Way-finding Project: Continued upgrade of Way-finding signage internal & external to facilities on campus.
  - ❑ Smart Parking System Study: Evaluate various options for providing better information & guidance to motorists on campus.



# Traffic Mitigation Project

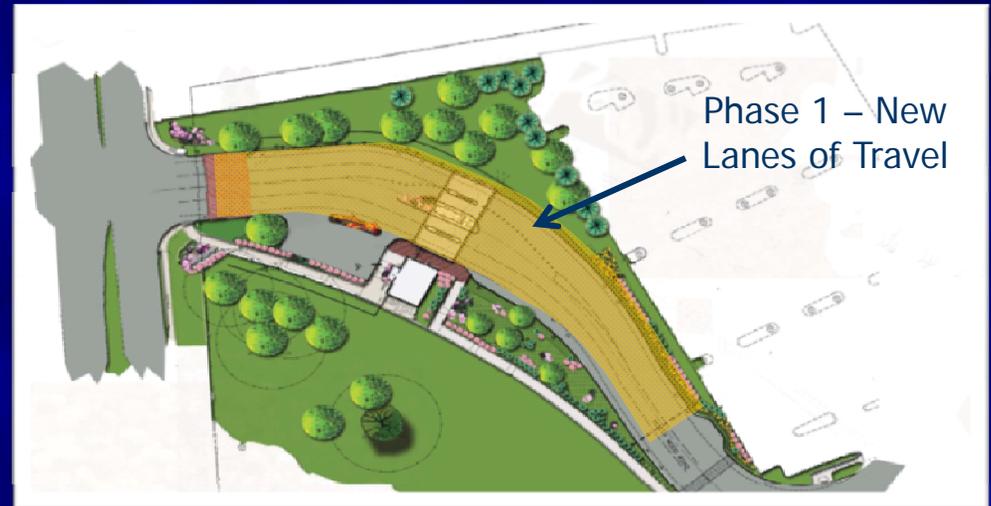
- ❑ Start Construction: Dec 2010
- ❑ Estimated Completion: Sep 2012
- ❑ Program Amount: \$26M
- ❑ Scope:
  - ❑ Upgrade five existing Entry Control Point (ECP) perimeter gates.
  - ❑ Expand internal entry & exit traffic lanes to the perimeter gates.
  - ❑ Construct Pass/ID facility.
  - ❑ Widen/Improve Perimeter Road.
  - ❑ Construct a Commercial Vehicle Inspection Station (CVIS).
  - ❑ Improve intersection at Brown/N. Palmer.





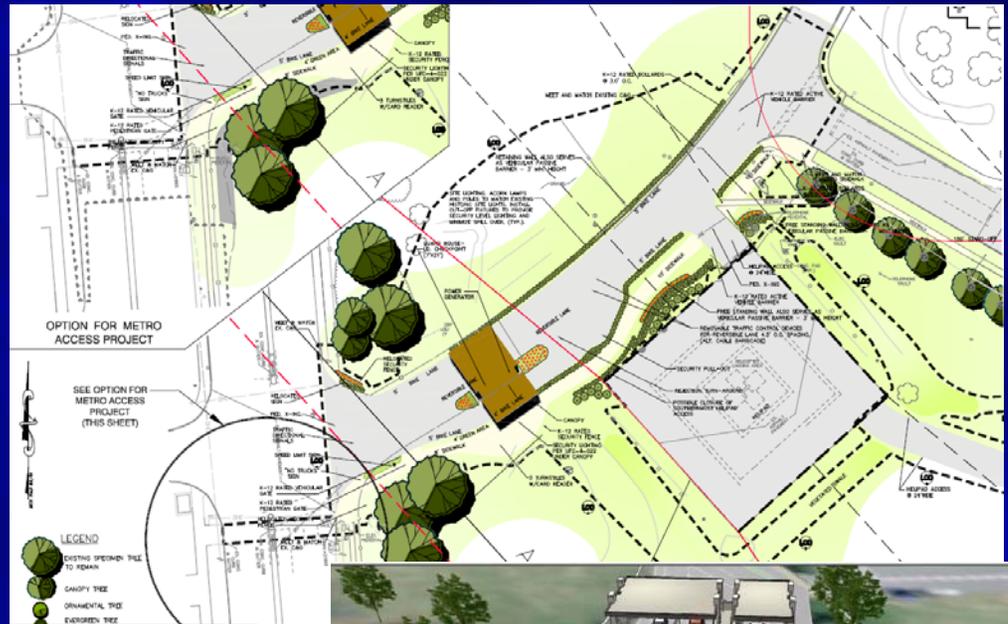
# Traffic Mitigation Project

- ❑ Phase 1 (Dec '10 – Apr '11)
  - ❑ Construct new road, retaining wall, sidewalk, bike lane, guard house/ID check point, & canopy.
  - ❑ Three lanes of travel & pedestrian access.
- ❑ Phase 2 and 3 (Apr '11 – Jun '11)
  - ❑ Demolish existing road & sidewalk and construction new Pass & ID facility.
  - ❑ Start of this phase will overlap with Gate 2.





# South Gate



# University Gate

NOTE: THESE ARE SCHEMATIC DEVELOPMENT PLANS ONLY. THEY ARE FOR INFORMATION PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO FINAL DESIGN. NOT FOR CONSTRUCTION.

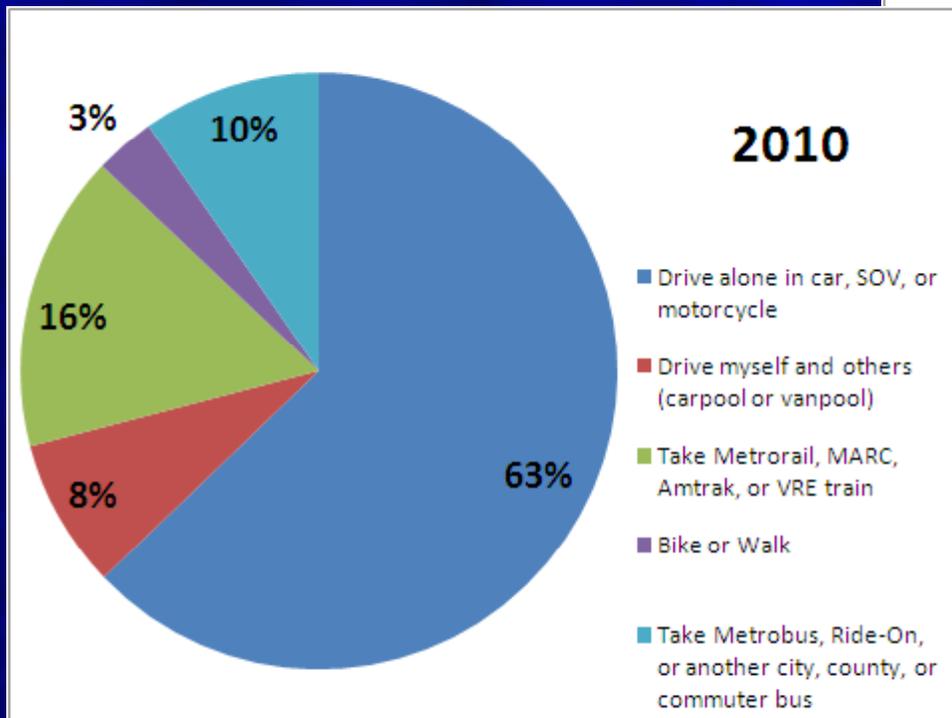
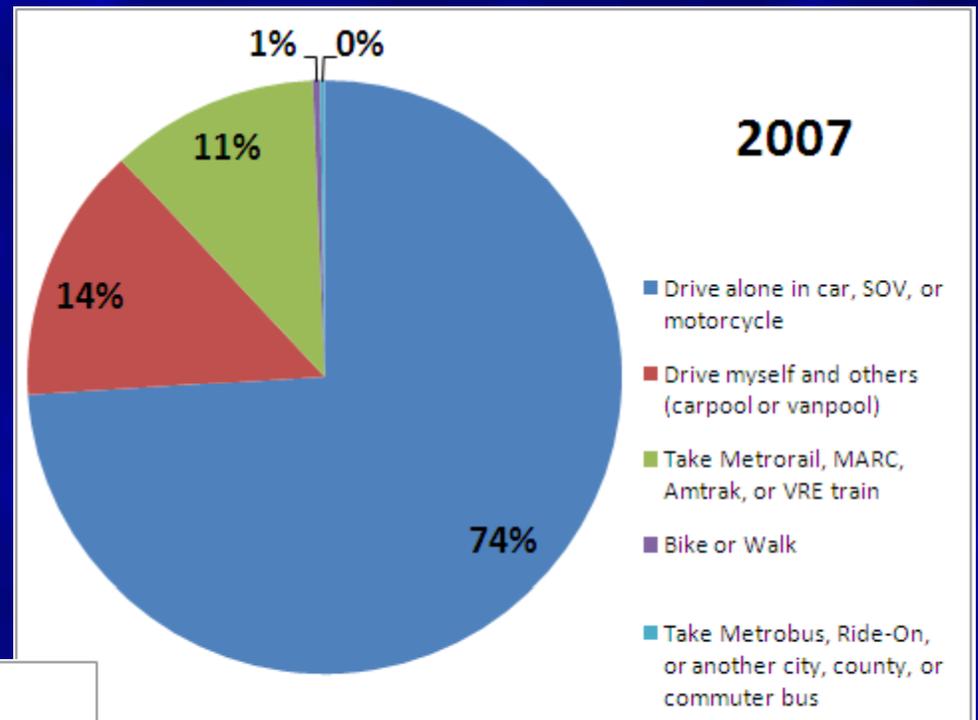


# Commuter Survey

- ❑ Annual Commuter Survey since '07.
- ❑ Last survey Nov '10.
- ❑ 1035 participants, 13% response rate.
- ❑ Arrival & departure rates relatively consistent '08 – '10.
  - ❑ Peak AM: 6AM – 7AM
    - ❑ Rockville Pike Peak (EIS): 715AM – 730AM.
    - ❑ Recent construction projects have further impacted available staff parking.
    - ❑ Staff parking on campus full between 730AM – 800AM.
    - ❑ Further shift to the left for staff arrival times (to find available parking).
    - ❑ Limited staff parking available: Many forced to consider alternative commuting options.
  - ❑ Peak PM: 4PM – 5PM
    - ❑ Rockville Pike Northbound Peak (EIS): 515PM – 530PM.
- ❑ Year over year, increased interest/participation in,
  - ❑ Guaranteed Ride Home Program
  - ❑ Ridesharing preferential parking
  - ❑ Bicyclist (amenities)
  - ❑ Telecommuting



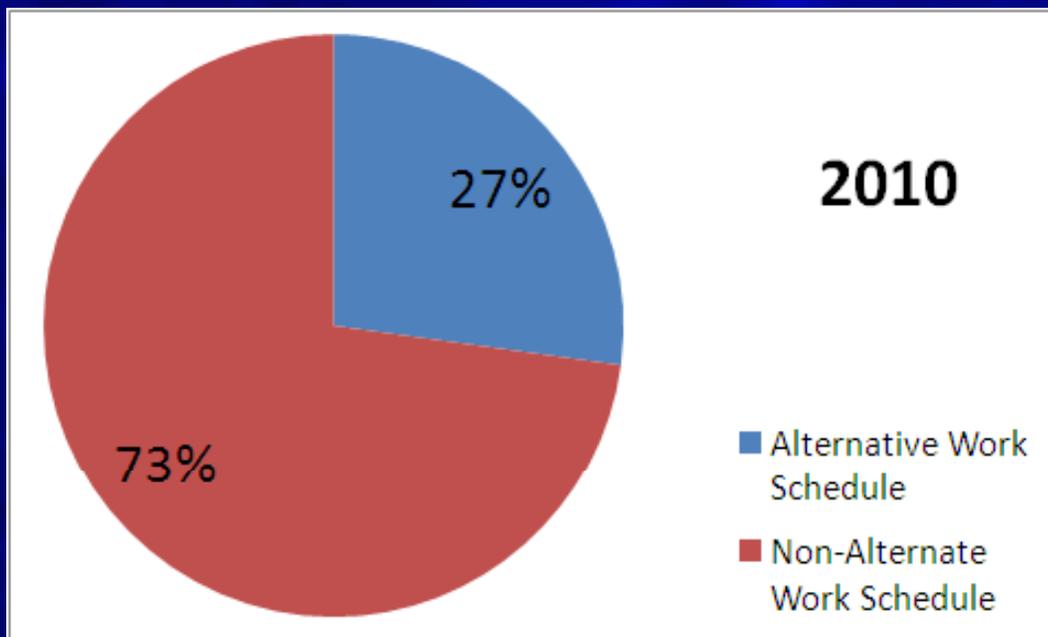
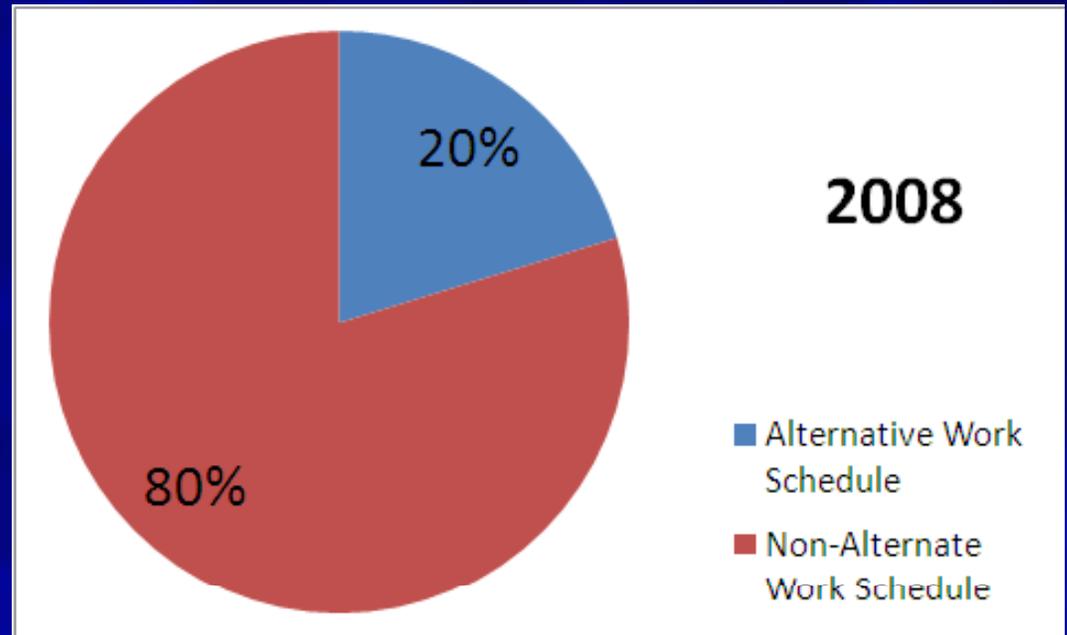
# Mode of Travel



- ❑ Primary mode of travel (many commuters use multiple methods)
- ❑ 11% reduction in SOV commuting
- ❑ 15% increase Mass Transit use
- ❑ Measurable increase in bicycling & walking



# Alternative Work Schedule



- ❑ 7% increase in AWS.
- ❑ AWS could include,
  - ❑ 4 / 10hr days
  - ❑ 9 days / 80hrs
  - ❑ Telework
- ❑ Benefits
  - ❑ Off peak commutes
  - ❑ Reduce commutes
  - ❑ No vehicle commute



# Questions