A First Class Campus, An Academic Park in the City
Scope of Work

- objectives
  - update of the FMP
  - primary purpose: framework to guide orderly growth and development
  - integrate with UMD Strategic and Climate Action Plans

- twin focus areas
  - landscape master plan
  - transportation systems
Process

- collaborative process
  - College Park City Council
  - Public Forums
  - Student Groups
  - College Park Senate
  - Website: http://www.facilities.umd.edu/masterPlan

- 18 months to complete
Consultant team

- expert team led by Oehme, van Sweden & Associates, Inc
  - landscape architecture
  - multi-modal transportation
  - cultural university landscapes
  - environmental ecosystems
  - restorations and sustainability
Vision

Planning, design and cultural heritage connected by a green infrastructure of sustainable systems and horticultural diversity

Special Consultants

- Historic Preservation
  - Laura Hughes
  - EHT Traceries, Inc.

- Signage / Wayfinding
  - Kevin Kern
  - Design Collective

- Recreation / Team Sports
  - Paul Brailsford & Jeffrey Turner
  - Brailsford & Dunlavey
  - Grace Fielder, ASLA, RLA
  - G.E. Fielder & Associates

- Site, Civil & Utility Systems
  - George Twigg, PE
  - SiteResources, Inc.

- Stormwater, MDE & BMP
  - Bob Morelock, RLA
  - Site Resources, Inc.

- Natural Water Systems
  - Andrew Parks, PE & Kate Traut
  - Straughan Environmental Services

- Bicycle Plan
  - Jennifer Toole, ASLA, AICP
  - Toole Design Group

- Cost Estimator
  - Dave Pearson
  - Davis Langdon

- Sustainable Systems Expert
  - Vincent Lee, PE

- Landscape Architecture
  - Grace Fielder, ASLA, RLA
  - G.E. Fielder & Associates

- Transportation & Sustainable Infrastructure
  - ARUP
  - Lead Transportation Planner
    - Trent Lethco, AICP
  - Sustainable Systems Expert
    - Vincent Lee, PE
Strategies and Guidelines

- 2001-2020 Facilities Master Plan (adopted 2002) and the 2007 Update
- Environmental Stewardship Guidelines 2005
- The University Strategic Plan 2008: “create a model Green University that is a leader in environmental stewardship and sustainability”
- The University of Maryland Climate Action Plan 2009
Key features of the Plan

- emphasis on landscape design and land use
  - values urban tree canopy, open spaces and gardens
  - campus that retains a park-like atmosphere
- a model green campus that leads in sustainability of all natural resources and goes beyond the requirements
Key features of the Plan

- develop a rational transportation network that connects to the larger regional network
  - public transit, ShuttleUM and Purple Line light rail system
  - reduce and limit vehicular congestion on and around campus; and makes the campus more pedestrian and bicycle friendly
Key features of the Plan

- place buildings and other facilities in ways that follow smart growth, promote collaboration among disciplines, and make the most efficient use of the limited and finite land

- condition of existing facilities
  - $750M deferred maintenance backlog

- shortage of space
  - 1.7M NASF deficit (2010)
  - 2.7M NASF deficit (2020)
Key features of the Plan

- 2011 – 2030 Facilities Master Plan
  - planning period 1 (2011 – 2020)
    - 4.5 million GSF (estimated construction)
  - planning period 2 (2021 – 2030)
    - 1.1 million GSF (estimated construction)

2001 – 2010 Facilities Master Plan
3 million GSF (constructed)
FMP Schedule

- September 9, 2011
  - Facilities Council

- October 20, 2011
  - Senate presentation

- January 26, 2012
  - Board of Regents Finance Committee presentation
Questions/ Discussion