Public Hearing

The Burton Family Football Complex and The Indoor Facility
University of Connecticut

June 10, 2004

Presented by

UConn Division of Athletics
UConn Office of Environmental Policy
UConn Architectural and Engineering Services
Fuss & O’Neill Inc.
Outline

- Welcome
- CEPA Process
- Proposed Project Description
- Purpose and Need
- Alternatives
- Impact Analysis
- Public Comment
EIE Analysis

Physical
- Air Quality
- Noise & Light
- Traffic, Parking & Circulation
- Public Utilities
- Potable Water Supply
- Stormwater Drainage
- Solid & Hazardous Waste
- Aesthetics
- Cultural Resources

Natural
- Geology, Topography & Soils
- Surface Water
- Groundwater
- Floodplains
- Wetlands
- Fisheries
- State Listed Species

Socioeconomic
- Land Use & Zoning
- State, Local & Campus Master Planning
- Public Health & Safety
- Economy, Employment & Income
- Environmental Justice
Project Description

Project Activities
- Burton Family Football Complex
- Indoor Facility
- Relocation of 12 tennis courts
Project Description

BURTON FAMILY FOOTBALL COMPLEX & INDOOR FACILITY

Fuss & O’Neill Inc.
Project Description
Project Description

- BURTON FAMILY FOOTBALL COMPLEX & INDOOR FACILITY
- TENNIS COURT RELOCATION

[Diagram of project locations including Athletic Field, Existing Baseball Fields, Morrone Stadium, Existing Volleyball Court, Ice Arena, and HILL TOP APARTMENTS]
Purpose and Need

- Student-Athlete Development
  - Supports University’s mission for overall academic and athletic excellence
  - Will assist University in providing student-athletes opportunity to compete at the highest level, academically and athletically, consistent with the BIG EAST conference and other peer institutions
Purpose and Need

- Student-Athlete Development
  - Current facilities are inadequate compared to other peer institutions; various service areas are in different locations, making it less convenient and less efficient for student-athletes
Purpose and Need

- Student-Athlete Development
  - Will provide one central location for football coaches’ offices, team locker rooms, meeting rooms, sports medicine services, strength & conditioning areas and academic support
Purpose and Need

- Recreational Services
  - Indoor Facility will provide additional activity space for University’s growing Recreational Services program that serves the entire campus community as well as provide a year-round practice and training venue
  - Recreational Services provides a viable alternative for students to use their free time in a healthy manner
  - Recreation program has more than doubled its 1997 participation figures (from 200,000 to 465,000 participations annually)
Purpose and Need

- Recreational Services
  - Facilities for recreational services are used more than 5,000 hours per year
  - Enhanced services support mission to offer safe, quality programs that foster personal growth
Alternatives – Burton Complex/Indoor Facility

- No Action
- On-Campus Locations
  - Site selection analysis performed
  - 4 sites and 5 configurations in the Athletic Neighborhood

Legend - Alternative Site Locations
Burton Complex/Indoor Facility:
- Alternative 1 – Site A
- Alternative 2 – Site B
- Alternative 3 – Site C
- Alternative 4 – Site D (Indoor Facility), Site A (Burton Complex)

Relocated Tennis Courts:
- Alternative 1 – Site E
- Alternative 2 – Site F

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## Preferred Alternative - Burton Complex/Indoor Facility

### Entire facility on existing tennis court site

**Positive**
- Convenient to existing athletic facilities
- Accessible to students/visitors
- Developed area - utilities, parking available
- Size and scale consistent with setting
- Preserves existing playing fields

**Negative**
- Requires Tennis Court relocation
- Loss of 46 employee parking spaces (tennis court lot)
- Physical site challenges, requiring careful stormwater management
Alternatives - Tennis Courts

- No Action
- On-Campus Locations
  - North Campus
  - Two (2) sites in the Athletic Neighborhood

Relocated Tennis Courts:
- Alternative 1 - Site E
- Alternative 2 - Site F
Preferred Alternative - Tennis Courts

Adjacent to Lot I

Positive
- Convenient to existing athletic facilities
- Accessible to students/visitors
- Developed area - utilities, parking available
- Preserves existing playing fields
- Opportunity to retrofit Lot I

Negative
- Removal of existing vegetation adjacent to Lot I
- Physical site challenges, requiring careful stormwater management
Impact Analysis

- Physical Environment
- Natural Environment
- Socioeconomic Resources
- Construction and Operation
- Identify Direct, Indirect, Cumulative Impacts
- Mitigation Measures
Impact Analysis

- Physical Environment
  - Air Quality
  - Light and Noise
  - Traffic, Parking, Circulation
  - Utilities
  - Hazardous Materials
  - Solid Waste
  - Cultural Resources
  - Aesthetics and Viewsheds
Impact Analysis

- Natural Environment
  - Geology, Topography, Soils
  - Ecological Resources
    - Wildlife Habitat
Impact Analysis

NRCS and CTDEP Soil Types

- Canton and Charlton Soils - Very stony fine sandy loams (3-8%)
- Canton and Charlton Soils - Very stony fine sandy loams (8-15%)
- Charlton-Chalfeld Complex - Very rocky fine sandy loams (3-15%)
- Ridgebury, Leicester and Whitman Soils - Extremely stony fine sandy loams
- Udorthents - Poorly drained soils disturbed by cutting or filling
- Udorthents - Well drained soils disturbed by cutting or filling
- Woodbridge - Very stony fine sandy loam (2-8%)
Impact Analysis

1951

1970

Existing Tennis Courts
Impact Analysis

- Natural Environment
  - Geology, Topography, Soils
  - Ecological Resources
    - Wildlife Habitat

- Wildlife Habitat Evaluation Station (approximate location)
Impact Analysis

- Socioeconomic Resources
  - Land Use and Zoning
  - Long Range State and Local Planning
  - Energy
  - Public Health and Safety
  - Economy, Employment, and Income
Potential Impact & Mitigation

- Physical Environment
  - Utilities - Stormwater Management
Stormwater Management

- Potential Impacts - net increase in site imperviousness
  - Increased runoff volume and peak flow
  - Reduced groundwater recharge
  - Water quality impacts (although no significant new nonpoint pollutant sources)

- Stormwater Management System
  - Preserve existing site hydrology
  - CTDEP Stormwater Quality Manual
  - CTDEP Flood Management Certification
  - CTDEP Construction Stormwater General Permit
  - CT Erosion and Sediment Control (E&SC) Guidelines
Stormwater Management

- Burton Complex and Indoor Facility
  - Rain gardens
  - Biofilter swales
  - Permeable pavers
  - Stormwater basins
  - Subsurface detention (McMahon lot)
  - Vortex treatment units
  - Landscaping with native, non-invasive species
  - Limited infiltration
  - No discharge to Hilltop Apt. basin
Stormwater Management

- Relocated Tennis Courts
  - Maintain peak flows
  - Improve water quality
  - Biofilter swales
  - Stormwater basin
  - Lot I retrofits
    - Vortex treatment units
    - Eliminate paved runoff to forested wetland
    - Direct clean runoff to forested wetland
  - Wetland avoidance
  - Landscaping with native, non-invasive species
  - Erosion & Sediment Control Measures
Potential Impact & Mitigation

- Natural Environment
  - Hydrology and Water Quality
  - Wetlands/Watercourses
Hydrology & Water Quality

- Potential Impacts
  - Construction stormwater and dewatering
  - Post-construction stormwater runoff

- Mitigation
  - E&SC measures
  - Stormwater management practices
  - State-of-the-art parking lot retrofits (McMahon and Lot I)
  - Stormwater management system Operation and Maintenance Plan
Wetlands/Watercourses

- No work within resource areas
- Improved runoff quality to forested wetland and downstream watercourse
- Potential Indirect Impacts
  - Stormwater discharges to watercourse south of Lot I
- Mitigation
  - Stormwater management practices
  - Lot I stormwater retrofit
  - Wooded buffer, landscaping
  - E&SC measures
Anticipated Timeline

- Scoping - December 2003 - January 2004
- Development of Draft EIE - January - May 2004
- Public Comment Period - May 6 - June 18, 2004
- Public Hearing
- Final EIE - July 2004
- Approval by Trustees - August 2004
- Construction Start – Fall 2004/Winter 2004/2005
- Facility Opening - Summer 2006
Commenting

- Draft EIE comment period ends June 18, 2004
- Comment sheets available tonight
- Leave comments
- Mail, fax, email comments