Call to Order
Council chair Bill Rorabaugh called the meeting to order at 10:00 a.m.

1. Approval of Minutes
The minutes from the April 14, 2011 meeting were approved as written.

2. Campus Bicycling Update
Joshua Kavanagh, Director, Transportation Services
    David Amiton, Transportation Planner, Transportation Services
Joshua Kavanagh introduced two bike initiatives coming to campus: a bicycle parking initiative and a bicycle sharing initiative.

Bicycle Parking Initiative

Kavanagh said the university’s aspirational goal is a 20% bicycle mode share, which would represent a roughly 110% increase from current numbers. A major part of creating such a cultural change will be the presence of appropriate end-of-trip facilities that are weather protected, and for longer distance commuters, feature enhanced security.

David Amiton explained that the project had been initiated because of requests from individual buildings and places on campus. They started talking with the campus architect and landscape architect and doing more long-term planning and visioning. Currently, 14% of faculty, 8-9% of students, and 6% of staff bike to campus. Students will benefit from covered and secure parking, but the effort is really aimed at faculty and staff, who are more likely to have long-term needs and need to bring things to campus.

Amiton distributed a map of campus showing capacity and demand for covered and secure bicycle parking, including projected shortfalls if there were no increase in capacity. He said that they are working with Capital Projects on identifying uniform designs for both shelters and enclosures that work for campus. They are looking at how they can complement the landscape and existing architecture and maximize the planning of new facilities and bikeways on campus.
In response to questions from the council, the following points were clarified:

- There is a charge for using bicycle lockers and enclosures that covers maintenance but not capital costs. For funding initiatives in the long term, they are looking at parking fines receipts, a funding stream that currently goes to the shuttles program and is worth close to $800,000 per year.
- There are some off-the-shelf products that meet university criteria for bike shelters, but none for enclosures. They will be looking at going through the design process and working with manufacturers to see if there can be a modification to existing designs, as the total expenditures should be at a level high enough to obtain some flexibility from vendors.
- Phasing and location of bike enclosures isn’t finalized yet, but the plan is to be comprehensive and cover the entire campus, meeting various areas of demand.
- The current system for access to bike enclosures involves signing up online and becoming notified when space is available. Some enclosures have a PIN number; others have card access. For lockers, there are more administrative layers because they are hard keyed.
- The locations of bike parking locations will be added to the campus GIS inventory, so they may be looked up on mobile devices.
- There is loose planning currently going on with Sound Transit on overnight storage of day-use bikes.

**Bicycle Sharing Initiative**

Kavanagh introduced the bicycle sharing initiative, a new county-wide initiative that’s been explored for first phase implementation in the University District.

Amiton and Kavanagh explained that about a year and a half ago, UW was approached to join a conversation with King County about creating a regional bike sharing system. UW and King County have been working with the Seattle Department of Transportation, the cities of Kirkland and Redmond, Microsoft, Children’s Hospital, and more, to figure out what kind of system would meet the needs of the region. UW has been pushing the importance of having bike sharing in the area, as it would free up transit from use by short trips across the expanding geographic area of UW, and also compliment transit ridership overall. A team of consultants has been hired for implementation strategy and looking at the business model, and is expected to complete a six month process in late summer.

Amiton explained modular bike sharing facilities, which are often fully or partially powered by solar, and digitized. Stations have on average 10 bikes, and multiple modules can be placed together. Typically, system users purchase a membership and the first 30 minutes of bike use are free, followed by incremental costs for additional time. Bike sharing is really meant to serve short trips. Participants would use the bike share system to take needed trips during the day rather than driving or using transit. UW sees it as a way of meeting climate action goals.

Amiton passed out a “heat map” showing conceptual station densities throughout the county, with a strong station density in the University District, as well as a map of conceptual bike share locations on campus. Kavanagh said that he didn’t envision a system that would be university owned or operated. On campus, there will be a broader overview with other departments, followed by a meeting with the consultants. Kavanagh invited the council to participate in the introductory discussions or more tactical discussions in the future.
   Joshua Kavanagh, Director, Transportation Services

Kavanagh said there would be no parking or U-PASS rate increases for faculty or staff. He mentioned that the Regents would vote that day on a universal student U-PASS. While the universal student pass officially has no bearing on faculty and staff, the reality is that U-PASS is a fully integrated program. In advocating for a universal student pass, the students have plugged the hole and bailed out their end of the ship, which means good things for faculty and staff, and avoids a reverse subsidy to students that may have otherwise been imminent.

4. HUB Reconstruction Update
   Ed Rockwell, Associate Construction Manager, Capital Projects Office

Ed Rockwell presented an update on the HUB reconstruction project. He reminded the council that the project was instigated on the part of the students and has four goals: to create welcoming space, to open the building, to connect to the campus, and to build community. Rockwell showed images of artists’ renderings of the new HUB, as well as photographs of demolition and construction. Among the highlights of the new building presented were substantial glass exterior surfaces, including skylights in the roof, an expanded ballroom, and a multipurpose room to replace the auditorium. Challenges during demolition and buildback have included site safety (requiring complex cord management, supplemental bracing, pedestrian safety, and police support), maintaining existing facilities during construction, and keeping water out. The demolition has been piecemeal to preserve certain aspects of the old building and salvage materials, and has included asbestos containing material abatement. At least 95% of the materials demolished will be recycled. The building will reopen in Fall 2012.

[Rockwell's presentation is attached as Appendix A.]

4. Adjournment
The meeting was adjourned at 11:39 a.m.

Minutes by Craig Bosman, Faculty Council Support Analyst
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Minutes approved by electronic vote, June 2011.

Present:
  Faculty:       Rorabaugh (Chair), Chizeck, Gates, Ozubko, Little
  Ex Officio:    Goldblatt, Walker, Zuchowski
  President’s Designee: Kennedy
  Guests:        Joshua Kavanagh, David Amiton, Ed Rockwell

Absent:
  Faculty:       Proksch, Treser
  Ex Officio:    Coslett
HUB Renovation and Expansion Project Update

Faculty Council on University Facilities and Services
May 12, 2011

Four Goals – What We Are Creating

1. Welcoming Space
2. Open the Building
3. Connect to the Campus
4. Build Community

Norling Mural – Husky Union Building
Exterior Concept Rendering – Stevens Way

Atrium, Lounge & 2nd Floor Circulation
Expanded Ballroom

Multipurpose Room
New Staircase @ SW Entry

Challenges

- Site Safety
- Maintain Existing Facilities
- Complex Demolition
- Rebuild To Date
Site Safety

- Cord Management
- Supplemental Bracing

Site Safety

- Pedestrian Safety
- Police Support
Maintain Existing Facilities During Construction

- Husky Den Furniture Covered
- Kitchen Equipment Protected
- Bowling Alley Lanes Covered

• Monitoring Temp, Dewpoint, Humidity Readings @ Eight Points in the Building
Maintain Existing Facilities During Construction
Norling Mural / First Wrap

Norling Mural

• Building a Protective Frame
• Environmental Enclosure
Now the Demolition

Salvaging Travertine Paneling – Floor 1
ACM Abatement (Asbestos Containing Material)

- Removing ACM Tile
- Negative Air Enclosure in Ball Rm.

Interior Demolition – “Soft Demolition”
Interior Demolition – Ballroom

Interior Ballroom – Today
Exterior Demo – Start with Auditorium

Auditorium Demo – Masonry Demolition
Auditorium Demo – Sawcutting

Demolition – Auditorium

• Long Reach Excavator
• Long Reach Excavator at Work
Demolition Auditorium Finished

Demolition – Shoring
S. View of HUB – Well Ventilated

Demolition – North Section; Bracing
Demolition – N. Section; Salvaging Brick

Demolition – N. Section
Demolition – North Section (Former Bookstore)

Demolition – North Section
The Buildback

Build back
Reinforcement – Jacketing a Column
Build back
Fiberwrap Reinforcement

Build back – Concrete Shear walls
Build back – Structural Steel

Wide Flange
192 lb / ft
Build back – Tying in An Assemblage of Parts

- Complex meeting point
- Threading in the Steel Framing

Build back – Tying in An Assemblage of Parts

- Metal deck in place
- Slab on deck placed
Build back – Steel Framing, Multipurpose Rm.

Steel Framing, Multipurpose Room
Multipurpose – Trusses in Place

Multipurpose Room Today
Setting Precast Panels

Erecting Steel – Floor 1, North Section
The HUB is a LEED Project

Demolition Materials
• 8,275 Tons Generated
• 8,132 Tons Recycled
• 98% Recycle Rate to Date

Loadout – Debris going to recycling

LEED – Reusing Materials

Travertine Panels
• 420 Travertine Panels will be reused (90,000 lbs of Travertine)

Travertine Pieces
• 15,000 lbs of Travertine pieces will be reused in the Terrazzo Floor.

Ventwood Paneling
• 4,900 SF of Ventwood Paneling is being re-used in the building

Brick Veneer
• 15,000 Bricks will be reused

Brick Pavers
• 25,000 Brick Pavers will be reused on the walkway
Questions?