Facilities Space Planning Allocation Committee
Capital Outlay & Facilities Report

October 28, 2014
1. Call to Order
2. Facilities and Capital Outlay Goals and Objectives
3. Capital Outlay Report
4. Facilities Management
   - Facilities Maintenance
   - Grounds Maintenance
   - Environmental
5. Open Discussion
Facilities and Capital Outlay Goals and Objectives
Facilities and Capital Outlay Updates

- FY 15 Strategic Initiatives
- Executive Order Energy
- Master Planning
- Campus Biking Plans
Facilities and Capital Outlay Updates

FY 15 STRATEGIC INITIATIVES

MANAGE BUDGET REDUCTIONS WITH SMALLEST POSSIBLE IMPACT TO SERVICE LEVELS

ENERGY - CREATE AND PUBLISH ENERGY AND RESOURCE CONSERVATION POLICY, PARTICIPATE IN DEMAND RESPONSE, CONDUCT UTILITY BILLING AUDIT, IMPLEMENT POWER CONDITIONING PROGRAM, CREATE TOTAL ENERGY DASHBOARD (ALL ENERGY INCLUDING POWER/STEAM/GAS), SUPPORT STEAM PLANT OPERATIONS (FILL ESSENTIAL POSITIONS, IMPLEMENT UNIFORM BOILER CONTROLS, PREPARE VSU STEAM SYSTEM STANDARDS DOCUMENT, PREPARE HEATING PLANT OPERATOR TRAINING MANUAL, PREPARE BOILER MAINTENANCE & CALIBRATION MANUAL)

IDENTIFY A COST ALLOCATION DATABASE SOLUTION - IDENTIFY NET ASSIGNABLE SPACE, ALIGN WITH USER GROUPS, MAP TO BUDGET SOURCE, INTEGRATE WITH ACTIVE DIRECTORY

DEVELOP METRICS FOR CAPITAL OUTLAY PROJECT MANAGEMENT EFFECTIVENESS (TO INCLUDE CUSTOMER SATISFACTION AND LIFE CYCLE COSTS)

SUPPORT CAMPUS SECURITY IMPROVEMENTS - CORRECT PRIORITY ONE LIGHTING DEFICITS, SUPPORT ACCESS CONTROL INITIATIVE, SUPPORT CAMERA SURVEILLANCE INITIATIVE, STRETCH GOAL - ADVANCE TO PLANNING CAMPUS SECURITY BUDGET REQUEST

COORDINATE PROGRESS OF PROJECTS AND INITIATIVES TO SUPPORT MULTIPURPOSE CENTER CONSTRUCTION - WATER TOWER AND SERVICE LINES, RIVER ROAD WIDENING (Chesterfield County), EROSION AND SEDIMENT CONTROL, FACILITY OPERATOR SELECTION AND CONTRACT

COMPLETE, RATIFY AND PUBLISH NEW COMPREHENSIVE MASTER PLAN

IMPROVE/UPDATE FACILITIES AND CAPITAL OUTLAY WEBSITE

ALL DEFERRED MAINTENANCE / MAINTENANCE RESERVE SUMMER PROJECTS PLANNED AND COMPLETED PRIOR TO 8/1/15 (NIC EMERGENCY AND NCO PROJECTS)

PARTICIPATE IN AND SUPPORT CAMPUS PARTNERSHIPS - TREE CAMPUS USA, HISTORIC INTERPRETIVE WALKING TRAIL, ENVIRONMENTAL CURRICULUM, BIKE PROGRAM

CREATE A FACILITIES/CAPITAL OUTLAY DISASTER RELIEF TEAM AND PROVIDE CERT COOP TRAINING TO TEAM

ENVIRONMENTAL COMPLIANCE - ASBESTOS AND LEAD-BASED PAINT OPERATION AND MAINTENANCE PLAN; ELECTRONIC DATABASE FOR ASBESTOS AND LEAD-BASED PAINT SAMPLING DATA, CHEMICAL INVENTORIES; TRAINING MODULES FOR FACULTY AND STAFF - HANDLING AND DISPOSAL OF RADIOACTIVE MATERIALS, INDOOR AIR QUALITY, HAZARDOUS WASTE MANAGEMENT; DRILL RESPONSE ON VSU’S OIL DISCHARGE CONTINGENCY PLAN; REVIEW AND UPDATE VSU’S SPILL CONTROL AND COUNTERMEASURE PLAN; ENVIRONMENTAL TRAINING MODULES ON WEBSITE
Facilities and Capital Outlay Updates

EO-31: Conserving Energy and Reducing Consumption in the Commonwealth of Virginia (Dated 10/16/14)

1. Proactively pursue energy efficiency measures, especially Energy Performance Contracting (EPC), to reduce energy consumption.

2. General audit to assess whether EPC is appropriate for the agency, goal of implementing an EPC by 2016.

3. Advisor for Infrastructure and Development - Chief Energy Efficiency Officer (CEEO); duties to include:
   - Standardized process that agencies will use to implement EPC
   - Coordinate with SCHEV to identify the deferred maintenance needs at each higher education institution and the opportunities to leverage energy savings to fund building infrastructure upgrades.
   - Work with the Department of General Services (DGS) and DMME to identify and prioritize state facilities that offer opportunities for significant cost and consumption reduction.
   - Work with DMME to establish a comprehensive system to measure, verify, and track energy consumption in state facilities.
   - Re-commission electrical equipment and systems in publicly-owned facilities, when needed.
   - Ensure that DMME reviews all annual project performance reports submitted by ESCOs to the agencies.
   - Work with subject matter experts to identify best practices to incentivize individuals and agencies regarding energy efficiency measures. Those who show leadership in energy efficiency, regardless of agency and project size, will be recognized.
Facilities and Capital Outlay Updates

FY 15 Capital Outlay and Facilities Energy Plan
- Energy and Resource Conservation Policy
- Building Automation Controls Sequences (Night and Out of Hours Setbacks, Lighting Controls)
- Power Conditioning (10 Buildings)
  - Torque, Inspect and Clean Major Electrical Components
  - Surge Protection
  - Uninterrupted Power for Building Controls
- Create Energy Dashboard (Maximo)
- LEED Commissioning/Recommissioning
- Demand Response – Payment for short term reductions in electric load when grid is overtaxed
- Steam System Improvements – Steam Plant Organization, Steam Trap Replacements, Insulation
- LED Lighting Replacements
- Utility Invoice Audit
Facilities and Capital Outlay Updates

Master Planning

Comprehensive and long-range in nature
Responsive to current needs
Sufficiently define and address the future development needs of campus in support of the University’s mission and strategic plan

Goals of the Master Plan
Support the Building a Better World Strategic Plan by enabling the University’s physical resources to achieve the goals of the Plan.
Maximize the value and usefulness of the existing campus infrastructure while accommodating growth.
Plan for the long range highest and best use of the University’s land assets.
Plan sustainable transportation and infrastructure systems to anticipate growth rather than react to demand.
Preserve the heritage of Virginia State University and celebrate the campus as a place.
Create a walkable, highly connected, and vibrant campus that fosters a sense of safety and security.
Be a “living” document and therefore allow for future revisions and alternatives.

Master Planning Process
The Master Planning process and schedule is described below:

Procurement – Completed February, 2014
Hanbury, Evans, Wright, Vlattas & Company selected to develop a Master Plan for Virginia State University
National provider of master planning services
Specific expertise in space utilization and space needs analysis.

Process Design - Completed April, 2014
Contract Negotiation and Project Initiation

Data Collection – Completed June, 2014
Collect University Data and Conduct Stakeholder and Space Needs Meetings, Campus Tours, Open forums, Meetings with Community Groups, and Focus Groups: Perform Space Needs Assessment

Analysis & Options – In Progress
Confirm Initial Analysis, Development of Initial Land Use Concepts and Options, Concept Refinement
Input and validation from Stakeholders, Conduct Open Forums
Facilities and Capital Outlay Updates

Master Planning

Key Data Collection Phase Findings based upon enrollment in 2013-2014:

- The findings for the current space needs using SCHEV guidelines show that VSU has a need for research space, but has sufficient space in other categories. The space analysis projecting future needs using SCHEV guidelines shows similar findings.
- There is a strong indication of the need for VSU to schedule classrooms centrally rather than primarily scheduling within designated classrooms for each of the colleges or departments.
- Comparing SCHEV Guideline analysis to more detailed analysis illustrates the need to justify space requests.
- Enrollment growth results in ability to justify space requests to SCHEV.
Facilities and Capital Outlay Updates

Master Planning

Next Steps:

• Analysis & Options – In Progress
  Confirm Initial Analysis, Development of Initial Land Use Concepts and Options, Concept Refinement
  Input and validation from Stakeholders, Conduct Open Forums

• Next Meetings scheduled for 11/4 and 11/5
  – Library Group – Technology services and academic affairs
  – Daniel Gym and Multipurpose Center – Athletics and Academic Affairs
  – Master Plan Working Committee
  – Executive Committee
  – Student forum
  – Faculty Forum
  – Infrastructure Group
  – Police and Public Safety Group

• Integration & Documentation- Scheduled to Complete February, 2015
  Integrate comments and concerns into Preferred Concept and Master Plan Document with Recommendations

• Publication & Presentation – Scheduled to Complete Spring, 2015
MASTER PLANNING WORKING COMMITTEE

OFFICE OF THE PRESIDENT

- Athletics - John Wilson
- University Technology Services - Beau Hurley

ACADEMIC AFFAIRS

- Vice Provost - Nicolle Parson Pollard
- School of Agriculture - Wondi Mercie
- Research – Robert Conley

STUDENT AFFAIRS

- Student Affairs - Menjiwe Martin
- Police and Public Safety – Eddie Perry, Jr.
- Residence Life - Henry Debose

ADMIN & FINANCE

- Administration and Chief Financial Officer - David Meadows
- Asst. to VP for Administration and Chief Financial Officer - Pat Kizzie
- Capital Outlay & Facilities - Jane Harris
- Capital Outlay - Jonathan Taylor and Debbie Albert

MASTER PLANNING EXECUTIVE COMMITTEE

Dr. W. Weldon Hill - Provost/ Vice President of Academic Affairs

David Meadows - Vice President of Administration and Finance

Hubert D. Harris - Associate Vice President and Chief Information Officer
Existing Organizational Diagram
Campus Circulation and Regional Connections

Campus Streets

• Primary vehicle circulation around perimeter of campus core
• Streets shared with bicycles
  • Low vehicle volumes and low posted speeds accommodate bicycles adequately
  • Shared-use pavement markings, or “sharrows” may be used.

Campus Access Points

- Primary
- Secondary
- Tertiary

Major Campus Roads

- Perimeter & Minor Campus Roads
- Shared Bike/Pedestrian Path (on-campus)
- Shared Bike/Pedestrian Path (off-campus)
Parking lots currently occupying the campus core will be shifted to alternate locations along the proposed loop road.
Student Survey Results

WHAT IS THE HEART OF VSU?

1. Foster Hall 70.9%
2. Fountain of Knowledge 12.6%
3. There Isn’t One Currently 12.1%
Student Survey Results

FAVORITE VSU OUTDOOR SPACE

1. Lawn behind Foster Hall
2. Fountain of Knowledge
3. Virginia Hall Lawn
Student Survey Results

AREA THAT YOU SPEND MOST TIME IN

1. Shaded Seating Area
2. Gazebos
3. Recreation Fields and Paved Area
Student Survey Results

PLACES YOU FEEL UNSAFE ON CAMPUS

1. Along Chesterfield Avenue 30.2%
2. Bridge and Pathways to Gateway 17.1%
3. Parking Lots 12.7%
4. Overall, 25.3% people feel safe on campus.
Student Survey Results

HOW DO YOU USE THESE OUTDOOR SPACES?

1. Hanging Out with Friends
2. Relaxing
3. Eating
4. Meeting
5. Studying/Reading
6. Exercising/Walking
Student Survey Results

DESIRED IMPROVEMENTS

1. More Dining Options
2. Outdoor Public Spaces
3. Additional Amenities in Residential Areas
4. Updated Classroom Spaces
5. More Study Areas
6. More Recreation Areas/Fields
Conceptual Landscape Master Plan

OVERALL PLAN

Legend:
1) Main Lawn
2) Greek Walk
3) Lake Promenade
4) Amphitheater
5) Marching Band Field
6) Campus Loop Road
7) Connection to Amtrak Station
Facilities and Capital Outlay Updates

Campus Biking Plans

- Committee Led by Student Affairs
- Researching other campus bike programs - Visit to UR and VCU
- Student Survey - 165 student respondents, 79% would like to participate in a bike program, Many identified inadequate bike racks and bike trails as demovator
- Assessment of VSU Campus – Richmond Sportsbackers
- Next Steps – Quad and Gateway Courtyard Bike Racks
CAPITAL OUTLAY PROJECTS
Design: Renovation of Lockett Hall

• Project Budget: $9- $12 M
• Pool funded project. Value Engineering in Progress
• Commonwealth Architects is the selected A/E to complete the working drawing and construction phase design services. The preliminary design phase and early release package are being reviewed by BCOM.
• W.M. Jordan is the Construction Manager.
• Scope: Repair exterior walls and wood trim, new windows, code compliance modifications, addition of a new passenger elevator and entrance, complete building renovation for STEM classrooms
• Schedule: 12 month construction schedule
Design: 475 Dupuy Parking Lot

• Project Budget: Included in the Gateway II Residence Hall Project
• Clark Nexsen and Timmons Engineering are the A/E
• W.M. Jordan is the Construction Manager
• Scope: Approximately 184 new parking spaces adjacent to MLK Drive and Gateway II. Landscape with trees, shrubs and site lighting, Ornamental fencing, Sidewalks along Dupuy Avenue, Welcome sign to VSU and Colonial Heights, Historic Marker Signs and Educational Display at Gateway II Residence Hall. Joint Land Exchange agreement between VSU and Colonial Heights – pending approval by Colonial Heights.
• Schedule: Construction to start in 2015.
Design: 475 Dupuy Parking Lot

Welcome Sign

Current Rendering

Landscaping
Construction: Athletic Trunk Line

- **Construction Cost:** $1.8M
- **Engineer:** Timmons Group
- **Contractor:** Dickerson Construction, LLC.
- **Scope:** Install approximately 2,150’ of 60” storm pipe to alleviate the chronic and frequent flooding that occurs at the Athletic Fields. The pipe route will take it from its outfall at Fleets Branch Creek, across Mathews Jefferson Drive, between the track and baseball outfield, through the west end of parking lot 27, and ultimately connecting to the new system being installed by the MPC project just south of the 4th Avenue Buildings
- **Schedule:** Completion July 2015.
Lot 28 opened two weeks early
Future Phase: E&S Phase 3 & 4 Storm Pipe Improvements

- Construction Estimate: $2.0 M
- Engineer: Timmons Group
- Contractor: TBD

- Scope: Install approximately 3,700’ of 48”-18” storm pipe to alleviate frequent flooding that occurs behind Branch and Memorial Hall. The pipe route will begin in the Daniel Gym parking lot, where the Phase I and II storm pipe improvements ended. It will progress west down Boisseau Street, turn left down Second Avenue, then proceed west along Lee Street to Hayden Street and eventually ending up in the courtyard between Branch and Byrd Hall.

- Schedule: Working drawings are at 95% and on hold pending submission to DEQ, BCOM, VDOT, and Chesterfield County for review.
Construction: Water Tower at Randolph Farm/ Waterline Extension to Campus

• Project Budget – $4.9M
• Austin Brockenbrough is the A/E.
• Landmark Structures, Inc. is the General Contractor.
• Scope: Construct a two-million gallon elevated water storage tank at 175 ft. tall with a pump station inside the pedestal.
• Schedule: Started May 2014 with Substantial Completion at 550 days.
• Waterline connected at Third Avenue & Boisseau Street.
• Segment of line from Third Avenue & Boisseau Street to Chesterfield Avenue will be in service by Thanksgiving.
Construction : Multipurpose Center

• Project Budget: $84M
• Clark Nexsen is the A/E
• S.B. Ballard Construction is the Construction Manager.
• Scope: Construction of a new 165,000sf Building; Academic Classrooms and Labs, Wellness Center, Practice Facilities, Locker Rooms, Weight Training, Mass Communications, Practice Gym, and 6,200 seat Arena, Full Kitchen with Banquet Facilities for 900, LEED Silver Certification
• Schedule: Event level concrete and Concourse level concrete is complete. Completed setting roof trusses and nearly complete on roof decking. Started exterior framing around building. Site work drainage structures are nearly complete and roadway work is ongoing. Parking Lots #5 and #6 are paved. Utility easements have been submitted and only a few properties are left to purchase.
• Substantial completion in Winter 2015/2016
Construction: Fourth Avenue Hospitality Lab

• Project budget: $2.3 M
• Boynton, Rothschild, Rowland Architects is the A/E
• Virtexco Corporation was the General Contractor.
• Scope: Renovation of 1943 Structure/8000 SF; Convert to Hospitality Management class/training laboratory facility.
• Pending review and approval by BCOM and State Fire Marshal.
• Schedule: Scheduled Completion 4th Quarter 2014.
Recently Completed – Capital Outlay Projects
Construction: Randolph Farm Greenhouse Addition

• Project Budget: $572,868
• Austin Brockenbrough is the A/E
• Daniel and Company is the General Contractor
• Scope: The addition of two 1,050 square foot greenhouse units to the existing greenhouse including minor demolition, a storm retention structure, and grading for the addition
• Schedule: Construction is 100% complete. Project will be successfully closed with BCOM Nov 2014.
Rogers Stadium
Repairs to the North End of Home Side Stand

• Project Budget: $214,490
• Boynton, Rothschild, Rowland Architects was the A/E.
• Contractors: G.T. Painting & Construction Company, Tidewater Caulking, & WW Nash & Sons, Inc.
• Scope: The project consisted of repairing the damaged concrete surfaces, replacing the bleacher hardware, and painting all the concrete surfaces and rails.
• Schedule: Completed August 2014.
Quad Complex Courtyard Improvements

- Clark Nexsen was the A/E
- Contractor: W.M. Jordan
- Completed September 2014
Maintenance Reserve Projects
Design: Johnston Memorial Library
Roof Mechanical Alterations

• Project Budget: $ 400,000
• Baskervill is the A/E
• Contractor: TBD
• Scope: The project will consist of raising existing ductwork, adding additional platforms for the AHUs, installing additional roof drains and piping, and revising the equipment screen wall to prepare for the roof replacement project that will follow.
• Schedule: Planned Construction to start 1st Quarter of 2015. (Prefabrication)
Design: Johnston Memorial Library
Roof ‘B’ Replacement

• Project Budget: $400,000
• Baskervill is the A/E
• Contractor – TBD
• Scope: Replace the existing EPDM roofing system above the 3rd floor with a white fleeced back TOP roofing system to include lightweight insulated concrete.
• Schedule: Planned Construction to start 2nd Quarter of 2015.
Design: Heating Plant Service Road Drainage Improvements

- Construction Estimate: $25,000
- Engineer: Timmons Group
- Contractor: TBD
- Scope: Install one new manhole and approximately 100’ of new 18” RCP storm pipe to properly connect the failing and insufficient Langston Hall parking lot drainage system to the current system in accordance with the MS4 requirements. The remaining underground storm pipe will be partly removed and capped and abandoned in place.
- Schedule: Construction in early 2015.
Design: Gateway II – BMP Conversion

- Construction Costs: $535,710
- Engineer: Timmons Group
- Contractor: W. M. Jordan
- Scope: Install a new underground storm water detention system in the location of the current open BMP behind the Dining and Events Center (DEC). The new detention system will collect the runoff from Gateway II, Moore Hall, and DEC. It will be comprised of 72” diameter pipes with a total capacity of 27,284 cubic feet. Subsequently the area above the newly installed underground detention system will become green space for additional hardscape amenities and student use.
- Schedule: Construction scheduled for 2nd Quarter of 2015.
Construction: Seven (7) Buildings
Exterior Trim Rehabilitation

- Project Budget: $338,000
- Commonwealth Architects is the A/E
- W.E. Bowman Construction is the General Contractor
- Scope: Repair and paint the exterior wood trim (roof line cornice, dormers, and entrances) and metal handrails to seven buildings on campus. Buildings to include: Branch Hall, Byrd Hall, Gandy Hall, Foster Hall, Lindsay-Montague Hall, Seward Hall, and Williams Hall
- Schedule: Construction is 98% complete, Substantial Completion- Late November, 2014
Construction: Gateway Dining and Events Hardscape

- Construction Cost: $541,000
- Architect/Engineer: Koontz Bryant
- Contractor: J. R. Caskey
- Scope: Construction of new asphalt semi circle drive for vehicles to turn in front of the Dining and Events center. Also included will be brick paver hardscape, decorative bollards, landscaping and VSU logo.
- Schedule: Construction scheduled for 2nd Quarter of 2015.
Construction: Virginia Hall Site Modifications

• Construction Cost: $217,000
• Engineer: Austin Brockenbrough
• Contractor: SRC Inc.
• Scope: The project consist of repairing the damaged steam line, removing and replacing the concrete service drive, installing additional storm pipes and drains, and installing new landscaping around the service road and along Hayden Street.
• Schedule: Substantial Completion October 24, 2014. Projected Final Completion on or about November 10, 2014
Non-Capital Outlay/Special Projects
Quad Complex Courtyard Bike Racks

- Scope: Bike Rack installation at the courtyard of Quad Residence Halls (10)
• Scope: Bike Rack installation at the courtyard of Gateway II Residence Hall (15)
Construction: UTS First Floor Renovations

• Project Budget: approximately $440,000
• Commonwealth Architects is the A/E
• Canterbury Enterprises is the General Contractor
• Scope: Demolition of existing walls, provide new interior walls with electrical, data and new lighting. Provide ADA restroom, kitchen, break room and conference room. ADA water fountain upgrade and new finishes to include painting and flooring. Furniture and technology upgrades.
• Schedule: Construction is 95% complete, Substantial Completion- Early November, 2014
Construction: East River Road Widening Chesterfield Avenue to Dupuy Road Project Highlights

- Chesterfield County Funded and Managed
- Utility relocation is almost complete.
- Storm pipe being installed.
- New slope and wall being constructed at the north end of Roger Stadium.
Campus Lighting Improvements Recently Completed

Wall packs installed on the E&T Building to improve conditions on Barnes Street.

Wall packs above the east entrances to the building.

Wall packs installed on the E&T Building to improve conditions at the sidewalk between E&T and Gandy Hall.

New light poles installed in lot 10 behind Puryear Hall.
Recently Completed - Non-Capital Outlay/Special Projects
Verizon Cell Tower

- **Project Budget:** $250,000
- **Engineer:** Clark Nexsen
- **Contractor:** NB+C and Edward Muller Construction
- **Scope:** Erect and construct a new 200’ tall cell phone tower adjacent to the existing water tower. The project will include a new generator, equipment shelter, grounding cables, and new fencing.
- **Schedule:** Substantial completion was June 18, 2014. Contractor has completed punchlist items. Verizon has finalized operation of the tower. Working on close out.
University Bookstore
Dedication Paver Campaign

• Dedication pavers sold by Institutional Advancement – Pave the Way Campaign
• Installed by GCA Services Group
• Completed prior to Homecoming 2014.
• Ongoing program for additional areas.
Jones Dining Hall
Benches
Classroom Renovations

Vawter Hall – Room 201

Harris Hall – Room 228
Daniel Gym Lobby Improvements

• Scope: Replaced existing floor tile with new VCT flooring and painted the lobby area to match existing color.

Before

After
FACILITIES MAINTENANCE
• Homecoming Readiness-Campus Beautification

• Establish Monthly Building Manager Meetings with GCA
Winter Work Projects

- PM’s for HVAC systems
- Custodial detailed cleaning
- Develop scopes of work for painting
CUSTODIAL ACCOMPLISHMENTS

- Pressure Washed Stadium Bleachers
- Stripped and Waxed Academic Buildings
- Academic Building Carpets Cleaned
- Floors Buffed at Residence Halls and Academic Buildings
Globe Replacement
Globe Replacement
Chiller Coil Cleaning

BEFORE
Chiller Coil Cleaning

DURING
GROUND MAINTENANCE
● Completed Baseball and Softball infield renovations
● Even in the midst of a vigorous fall sports season which consisted of:
  ● Eight Football Events
  ● Weekly Softball and Baseball Practices
  ● Two Cross Country Events

Athletic fields are being transitioned from Warm to Cool Season grass, and we continue to monitor and maintain fields daily.
• Planted over 3100 annuals and perennial flowers across campus.
• Athletic fields are being transitioned from Warm to Cool Season grass
• We continue to monitor and maintain fields daily
ENVIRONMENTAL COMPLIANCE
DEQ REQUIREMENTS

• Submit semi-annual fuel certification in December

• Above-ground storage tank (AST) inspection complete and hazardous waste inspection upcoming

• Air permit data will be submitted to DEQ in March
IAQ Projects

• Asbestos Abatement projects in several areas around campus were completed in summer/fall

• Follow existing Lead/Asbestos plans for maintenance activities
Training Updates

• 2-hour refresher general worker asbestos training to be conducted in January

• Updated hazardous waste training will occur in spring

• Oil Discharge Contingency Plan (ODCP) training will occur in December

• Update Spill Prevention, Control, and Countermeasure Plan (SPCC) in 2015
Long Term Goals

• Chemical inventories managed electronically by departments (Maximo will store the inventory data)

• Consolidation of Asbestos and Lead historical data through Maximo

• Compliance, Compliance, Compliance!
OPEN DISCUSSION