

**PERKINS
 + WILL**

Meeting Minutes

By:	Perkins+Will - GK	Date:	01/07/2013
Meeting Date:	12/5/2012	Project Name:	BT-857 FIU-Campus Master Plan Update 2010-2020
Meeting Time:	3:00pm-5:00pm	Project No.:	810369.000
Meeting Location:	FIU CSC Rm 1123	Attendees:	<i>Focus Group Members:</i> -Steve Sauls, Steering Committee Advocate -Rick Torres, (FIU-PD) -Alberto Delgado (Facilities Construction) -Ruben Almaguer, (FIU Emergency Management) -Ruben Diaz-Neda (FIU Graduate Student) -John Cal, FIU-FMD -Bob Griffith, FIU -Stuart Grant, FIU Sarah Mazorra, FIU -Krisan Osterby, P+W -Susan Nelson, P+W -Gene Kluesner, P+W -Mike Kroll, ML -Mohan Gopalakrishna, ML
Next Meeting Date:	January 9, 2013 3:00pm-4:30pm		

The attached are meeting notes for **Work Session #3**

FOCUS GROUP 6 – Transportation, Parking, Transit, Bicycle & Pedestrian

Item No.	Description
3.1	Data/Schedule/Meetings confirmation: Additional data requests for Final Inventory and Analysis report, project schedule, and upcoming meetings were confirmed with committee.
3.2	Public Workshops: Inventory and Analysis Summary Forums are planned for two locations.

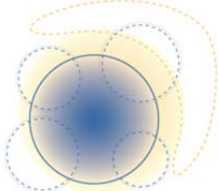
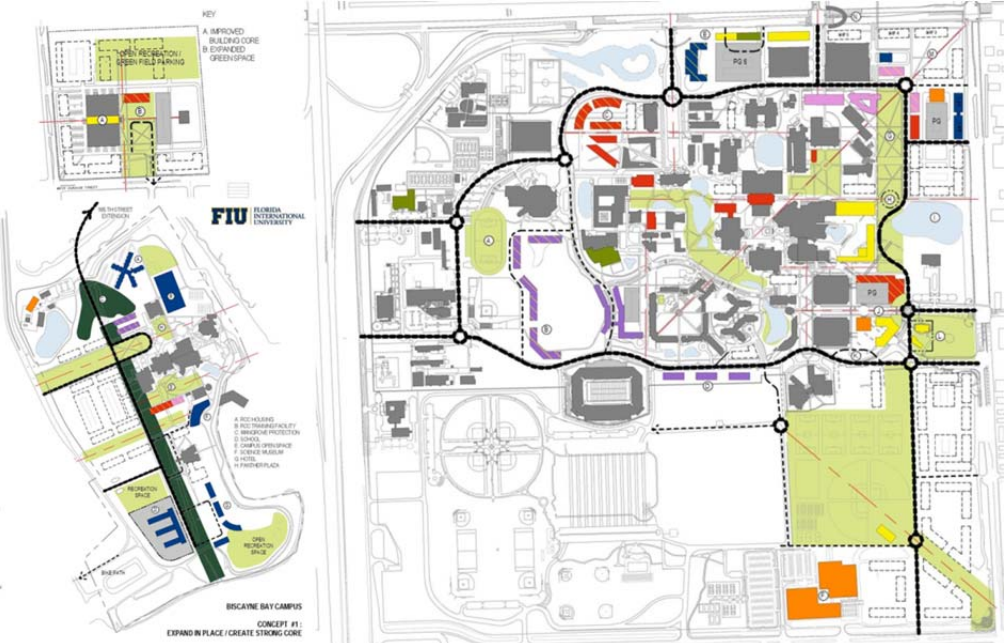
Item No.	Description
	<ol style="list-style-type: none"> 1.) At MMC on December 3, 2012 at 6:30pm-8:30pm in CBC Special Events Room. 2.) At BBC on December 4, 2012 at 5:30pm-7:30pm in room WUC 221.
<p>3.3</p>	<p>Review Key Issues from Inventory and Analysis:</p> <p>STRENGTHS</p> <ul style="list-style-type: none"> • Strong new architecture complements existing historic structures to create an exciting campus assemblage. • Increased density at MMC • Campus as Sculpture Garden / Museum • Growing residential component at MMC and BBC • Creating mixed-use elements within buildings • Sports events bring increasing numbers to our campus • Medicine is poised to become another such magnet • Successful outdoor spaces are being developed across all FIU campuses • FIU campus potential as an outdoor classroom (MMC & BBC) • Extraordinary site potential at BBC & EC <p>CHALLENGES</p> <ul style="list-style-type: none"> • Traffic congestion challenges are growing steadily • Several plazas are underutilized and don't respond to the their environments • No single formal space that is "the identity space" – associated with university • Fragmented and non-unified use of landscape architecture elements • Pedestrian linkages are frequently unprotected from sun and rain • Walkways are often indirect and sometimes insufficiently wide for the traffic • Pedestrian vs. vehicular conflict with campus loop road • The physical relationship of the campus precinct to its surrounding can be enhanced (edges & economic development) • The Nature preserve should be embraced as a teaching facility, cleaned up, and have safe pathways built and lighted. • BBC approach to campus (front door) is through a sea of parking • Need a secondary access at BBC • Planning through implementation process
<p>3.4</p>	<p>Draft Inventory Analysis Report:</p> <p>Issued in early November and posted online. Any further review comments on the draft report are requested to be sent to P+W within the next week for team to issue final report in mid-December. The final report will also have a review 3 week period and posted online.</p>
<p>3.5</p>	<p>Historical Growth of Campuses: Each campus was reviewed with development that occurred in four distinct timeframes: 1969-1977, 1982-1986, 1990-1998, and 2000-2012.</p>

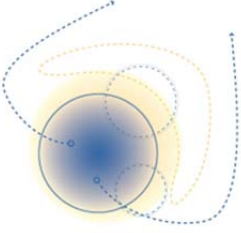
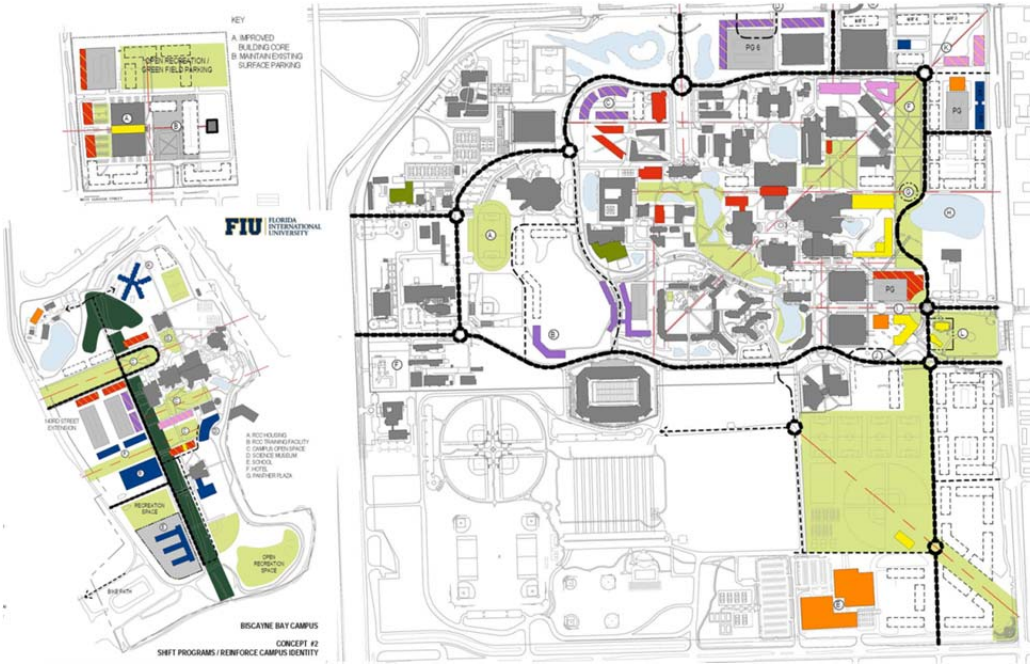
Item No.	Description														
3.6	<p>FUTURE SPACE NEEDS SUMMARY for 2020 PLAN:</p> <p><u>FIU NEEDS BEYOND PLANNED CAPITAL PROJECTS</u></p> <table data-bbox="358 464 844 674"> <tr> <td>ACADEMIC:</td> <td>940,600 SF</td> </tr> <tr> <td>SUPPORT:</td> <td>796,200 SF</td> </tr> <tr> <td>RESEARCH:</td> <td>155,800 SF</td> </tr> <tr> <td>FACILITY SUPPORT:</td> <td>116,900 SF</td> </tr> <tr> <td>RECREATION:</td> <td>90,900 SF</td> </tr> <tr> <td>CLINIC:</td> <td>35,230 SF</td> </tr> <tr> <td>TOTAL:</td> <td>2,135,630 SF</td> </tr> </table> <p>HOUSING: 509,750 SF (1542 BEDS)</p> <p>PARKING: NO NEW PARKING REQUIRED with addition of the new PG-6 <u>Not factoring in any partnership projects parking needs.</u></p> <p>RECREATION FIELDS/ COURTS: SOCCER/ FOOTBALL FIELDS 5 (This assumes continued use of Mourning High School) SOFTBALL FIELDS 4 (This assumes fields at Tamiami Park are still used) TENNIS COURTS 3 VOLLEYBALL COURTS 3</p>	ACADEMIC:	940,600 SF	SUPPORT:	796,200 SF	RESEARCH:	155,800 SF	FACILITY SUPPORT:	116,900 SF	RECREATION:	90,900 SF	CLINIC:	35,230 SF	TOTAL:	2,135,630 SF
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3.7	<p>FUTURE SPACE NEEDS SUMMARY for 2035 "VISION PLAN":</p> <p><u>FIU NEEDS BEYOND PLANNED CAPITAL PROJECTS</u></p> <table data-bbox="358 1157 844 1367"> <tr> <td>ACADEMIC:</td> <td>511,600 SF</td> </tr> <tr> <td>SUPPORT:</td> <td>563,900 SF</td> </tr> <tr> <td>RESEARCH:</td> <td>173,000 SF</td> </tr> <tr> <td>FACILITY SUPPORT:</td> <td>28,500 SF</td> </tr> <tr> <td>RECREATION:</td> <td>44,300 SF</td> </tr> <tr> <td>STUDENT CLINIC:</td> <td>15,450 SF</td> </tr> <tr> <td>TOTAL:</td> <td>876,250 SF</td> </tr> </table> <p>HOUSING: 354,250 SF (1090 BEDS)</p> <p>RECREATION FIELDS/ COURTS: SOCCER/ FOOTBALL FIELDS 3 (This assumes continued use of Mourning High School) SOFTBALL FIELDS 2 (This assumes fields at Tamiami Park are still used) TENNIS COURTS 6 VOLLEYBALL COURTS 2 BASKETBALL COURTS 2</p>	ACADEMIC:	511,600 SF	SUPPORT:	563,900 SF	RESEARCH:	173,000 SF	FACILITY SUPPORT:	28,500 SF	RECREATION:	44,300 SF	STUDENT CLINIC:	15,450 SF	TOTAL:	876,250 SF
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3.8	<p>Urban Design Framework:</p> <p>The framework for the master plan includes the following elements:</p> <ul data-bbox="407 1787 727 1843" style="list-style-type: none"> • avenues • developing connections 														

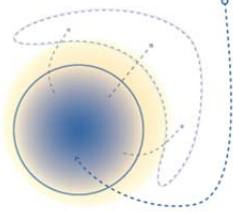
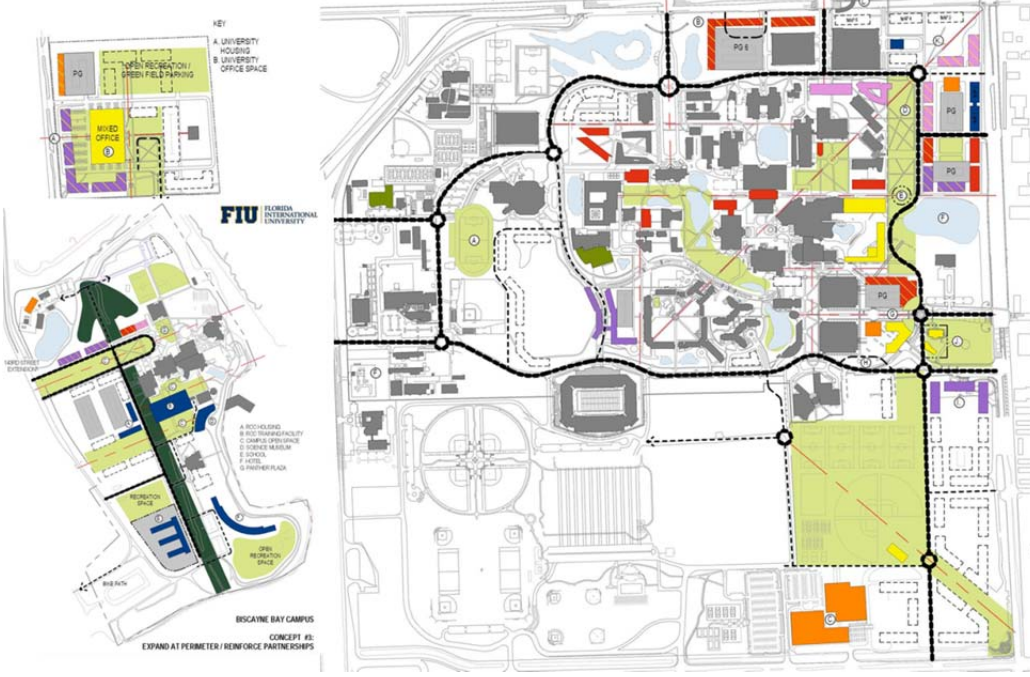
Item No.	Description
	<ul style="list-style-type: none"> • campus greenbelt • campus greenbelt – main street • quads • courtyards / promenades • special purpose landscapes • active edge • passive edge
<p>3.9</p>	<p>MMC/EC Transportation Issues:</p> <p><u>Parking</u></p> <ul style="list-style-type: none"> • Adequate Capacity through 2020 • Improve Parking efficiency to allow CMP implementation • Implement strategies to minimize parking demand/Single Occupancy Vehicle (SOV) trips <p><u>Transit</u></p> <ul style="list-style-type: none"> • Encourage increased ridership on public and FIU provided transit • Potential MDT Express Bus hub at MMC • Expand community shuttle system connections (Sweetwater/Doral) <p><u>Bike and Pedestrian</u></p> <ul style="list-style-type: none"> • Improve pedestrian routes/safety from garages/parking to Campus core. • Improve Bicycle facilities on campus and encourage off campus improvements <p><u>Safety</u></p> <ul style="list-style-type: none"> • Designated Bike lanes • Pedestrian crosswalks <p><u>On-Campus Roadways</u></p> <ul style="list-style-type: none"> • Peak volume intersection levels of service • Segment improvements to accommodate current use and CMP implementation • Implement strategies to minimize parking demand/Single Occupancy Vehicle (SOV) trips <p><u>Off- Campus Roadways</u></p> <ul style="list-style-type: none"> • Adequate levels of service • Improvements to SW 8th Street and SW 107th Avenue intersection • Need for bike lanes/ connectivity • Pedestrian friendly streetscapes <p><u>Transportation Demand Management Strategies</u></p> <ul style="list-style-type: none"> • Reduce parking reliance/demand • Enhance transit ridership • Bicycle and pedestrian improvements • On-Campus housing • Transit Oriented Development (TOD) <p>BBC Transportation Issues:</p> <p><u>Parking</u></p> <ul style="list-style-type: none"> • Adequate Capacity through 2020 • Implement strategies to minimize parking demand/Single Occupancy Vehicle (SOV) trips <p><u>Transit</u></p> <ul style="list-style-type: none"> • Encourage increased ridership on public and FIU provided transit

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	<ul style="list-style-type: none"> • Expand community shuttle system connections (North Miami Express) <u>Bike and Pedestrian</u> • Improve pedestrian/bike link to Oleta State Park to provide connectivity for North Miami community • Improve Bicycle facilities on campus • Secure continuous bike lane from Biscayne Boulevard <u>Safety</u> • Second campus vehicular access <u>Off- Campus Roadways</u> • Adequate levels of service • Improvements to Biscayne Boulevard and 151 Street intersection • Need for continuous bike lanes/ connectivity • Pedestrian friendly streetscapes <u>Transportation Demand Management Strategies</u> • Reduce parking reliance/demand • Enhance transit ridership • On-Campus housing • Transit Oriented Development (TOD) – Biscayne Landings/transit hub
<p>3.10</p>	<p>Transportation Analysis:</p> <ul style="list-style-type: none"> - Additional vehicular access points on MMC will be studied. The added access off 8th street for PG-6 and the added access off 107th Ave for the Academic Health Center area are currently being studied by Miller Legg. - Pedestrian access and safety is also being studied in coordination with new parking structures and multi-modal public transit centers. - PG-6 on MMC will have an advanced transit oriented development. - Engineering Center will also require a rapid transit bus center. - Of the three alternate access routes to BBC, it appears that none will be feasible in the near future. The limited access to the BBC will have an economic impact on development potential in this area, including the neighborhood elementary and high schools' expansion potential. - Plans are underway by City of North Miami to replace the existing bridge on NE 135th Street for pedestrian / bike / emergency vehicle access to FIU/BBC. - FIU parking access fees and transportation policy needs to be aligned with evolving goals of master plan and multi-modal solutions. - Designated bike routes need to be identified on each campus as well as neighborhood route connections into local communities. - Bike riders also need storage, repair and shower facilities in convenient locations on each campus. - Bike share programs should also be investigated, especially in the new PG-6 project.
<p>3.11</p>	<p>Traffic Impact Studies:</p> <p>Traffic counts have been completed on all campus major intersections and neighboring community intersections. The draft report is being compiled and will be issued to FIU for review. Several intersections and segments of roadway with lower than acceptable levels of service (lower than grade C) will be identified and corrected in the master plan.</p>

Item No.	Description
3.12	<p>New Projects in Planning or Design Phase:</p> <p><u>MMC Projects:</u></p> <ul style="list-style-type: none"> • Parking Garage 6 (PG-6) • Ambulatory Care Clinic (ACC) • Medical Arts Pavilion (MAP-1) • Astroscience Center • Alumni Center • Chapel • Student Academic Support Center <p><u>BBC Projects:</u></p> <ul style="list-style-type: none"> • Royal Caribbean Production Studio and Housing • Miami Science Museum-Wildlife Center • Boat Dock • Charter or Magnet School
3.13	<p>Emergency Vehicle and Fire Safety Access:</p> <ul style="list-style-type: none"> • Existing Fire Station located at NW 4th St and 107th Ave will be closing and the county has investigated the Engineering Center for a potential new location. This station is the one serving MMC and EC. • Emergency Access Corridors or routes for emergency vehicles on each campus will be studied and identified in master plan. • Emergency and/or secondary access is required before any major development can occur at BBC.
3.14	<p>Campus Guiding Principles: Each concept plan will incorporate these principles.</p> <ul style="list-style-type: none"> • Develop a sustainable campus environment. • Develop forward looking, innovative and interdisciplinary learning and research environments. • Reinforce FIU's identity through the articulation of landmarks, precincts, edges, buildings, and open spaces. • Create a more compact urban environment. • Develop comprehensive multi-modal solutions to transportation & infrastructure. • Establish better connectivity with neighboring communities. • Create a safe, connected, pedestrian-friendly campus. • Site core academic programs along main axes. • Develop student life mixed use communities. • Foster learning through multipurpose open space. • Create opportunities for partnerships and more engagement with community.
3.15	<p>Sustainable Planning Principles: Each concept plan will incorporate these principles.</p> <ul style="list-style-type: none"> • Multi-modal circulation and access to planned transit systems. • Mixed use parking decks at perimeter of campus • More compact urban environment with connectivity to community

Item No.	Description
	<ul style="list-style-type: none"> • Student residential community with mixed use amenities on campus • Creating “green lungs” with open space quadrangles, courtyards, landscaping, and water features • Campus green belt for pedestrian and vehicular movement • Building guidelines encouraging natural ventilation, shading, and daylighting in exterior and interior spaces to reduce energy consumption • Outdoor lighting guidelines for efficient energy use • On-site storm water treatment and management • Landscape guidelines for shade, filtration and water efficiency • Recycling/composting: facilities, construction, mail/print services, dining • Thermal Energy Storage (ice tanks) planned with new chiller plants • Precinct plants: mini-loops for efficiency and shared redundancy.
<p>3.16</p>	<p>Alternative Concept #1: Expand in Place Create a Strong Core</p>  <p><u>Key Characteristics</u></p> <ul style="list-style-type: none"> • Program expansion consolidates current campus districts • Infill buildings and additions strengthen each campus core • Preserves future perimeter building sites at each campus • Maximizes growth at MMC • Minimizes growth at EC and BBC
<p>3.17</p>	<p>Alternative Concept #1: Expand in Place Create a Strong Core</p>  <p>KEY</p> <ul style="list-style-type: none"> A IMPROVED BUILDING CORE B EXPANDED GREEN SPACE C PARKING D NEW BUILDING E NEW TRANSFER FACILITY F IMPROVED PROTECTION G LANDSCAPE REFINEMENT H HOTEL REDEVELOPMENT I PARKING J TRANSITION ZONE <p>FIU FLORIDA INTERNATIONAL UNIVERSITY</p> <p>BISCAYNE BAY CAMPUS</p> <p>CONCEPT #1: EXPAND IN PLACE / CREATE STRONG CORE</p>

Item No.	Description
3.18	<p>Alternative Concept #2: Shift Programs Reinforce Campus Identity</p>  <p><u>Key Characteristics</u></p> <ul style="list-style-type: none"> • Academic Health programs strengthen MMC identity • Engineering, Math and Computing programs strengthen EC identity • Hospitality, Communication & Journalism, Education and Environmental Science programs strengthen BBC identity • Maximizes future MMC flexibility • Maximizes balanced growth across campus
3.19	<p>Alternative Concept #2: Shift Programs Reinforce Campus Identity</p> 

Item No.	Description
3.20	<p>Alternative Concept #3: Expand at the Perimeter Reinforce Partnerships</p>  <p><u>Key Characteristics</u></p> <ul style="list-style-type: none"> • Focuses growth at each campus perimeter • Strengthens sites for visible partnerships • Repositions EC highest and best use • Shifts Engineering to MMC • Maximizes future campus core infill opportunities
3.21	<p>Alternative Concept #3: Expand at the Perimeter Reinforce Partnerships</p> 
3.22	<p>Focus Group Responses to Alternative Concepts: Each focus group member was provided with dots (green, yellow and red) to identify their concerns or approval of concept ideas. These will be compiled and synthesized into one concept plan that will be developed and presented at our next meeting in January.</p>

Item No.	Description
	<p>-Given the lack of a secondary access resolution on Biscayne Bay Campus, it was generally agreed that Concept 2 was not feasible in the 2020 plan. A more limited growth strategy at BBC will be used in the 2020 plan. Some partnership projects would also be identified.</p> <p>-Concept #1 had the most elements that were desired. Housing around the preserve at MMC and creating a strong core. A combination of options 1 and 3 will be developed.</p> <p>-We received favorable responses to the concept of relocating the College of Engineering academic and research programs from EC to MMC (or Fair Property) in Vision Plan. (per Concept #3) The Engineering Center would then be re-purposed to allow for partnership projects....business incubator spaces/office/support/housing/mixed use....etc. Although funding challenges were identified to achieve this in the short term by some members.</p> <p>-Recreation Outdoor Space needs will not fit on MMC in the 2020 plan. We have indicated them on the Fair Property in the 2020 plan on all schemes. This will require coordination with county as well as shared use agreements with Tamiami Park.</p> <p>-It is anticipated that future FIU facilities will need to be master planned on the County Fair property in the Vision plan (2035) but may not be in the 2020 plan.</p>
3.23	<p>Next Steps:</p> <p>-Work Session #4 Synthesized Concept Plan Review Meeting– scheduled on January 9, 2013 at 3:00pm-4:30pm, Rm CSC 1123.</p>

End of Work Session #3 FOCUS GROUP 6 – Transportation, Parking, Transit, Bicycle & Pedestrian Meeting Minutes

The foregoing constitutes our understanding of matters discussed and conclusions reached. Other participants are requested to review these items and advise the originator in writing of any errors or omissions.