

This is the East Carolina University Comprehensive Facilities Master Plan Preliminary Plan Review. This workbook reviews the campus preliminary plan first presented on campus on March 22 and 23, 2011. It first summarizes the work that led up to the alternatives task and then presents the draft plans. The campus master planners are seeking your input at this critical stage in the project. Review each page and page descriptions, and please submit your questions, comments, and suggestions by April 22, 2011 to masterplan@ecu.edu or go to the www.ecu.edu/masterplan, and click on the "send us your feedback and comments" link on the left side of the page.

Agenda

- Introduction
- Schedule and Process Overview
- · Preliminary Campus Master Plan
 - Health Sciences Campus
 - Main Campus
- Next Steps



East Carolina University \\ Comprehensive Facilities Master Plan

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Alternative Scenarios Workbook

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Master Plan Purpose and Goals

"The purpose of this comprehensive plan is to create a plan that will anticipate the future by considering facility needs generated by the University's Mission Statement, Strategic Plan and corresponding Academic Program"



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Master Plan Purpose and Goals

3 Key Themes:

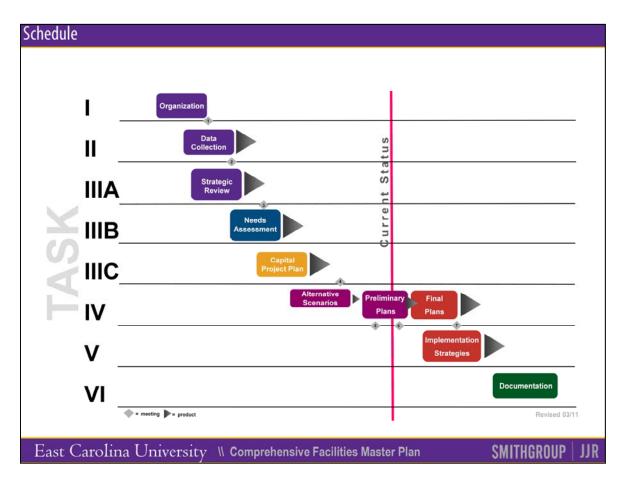
- Create a socially, economically, and environmentally sustainable campus plan that represents the hopes and aspirations of this region.
 - · Integrate strategic, academic, and financial planning
- 2. Bring 4 diverse campus environments into a coherent and connected campus plan.
 - Main Campus
 - Health Sciences Campus
 - West Research Campus
 - · North Recreational Fields Complex
- 3. Utilize the campus to support and enhance the University and the community.
 - · University as engaged resource



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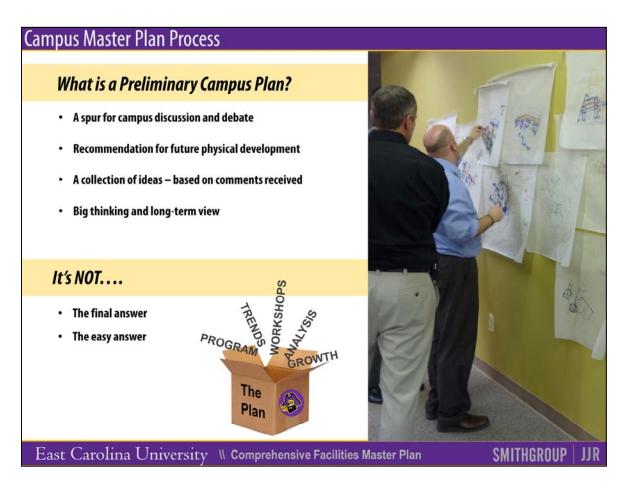
Three Key Themes were introduced very early on in the process as an overall guide in the planning process.



This schedule shows the overall process by the consultant team. Currently, the consultant team is in the final stages of the Preliminary Plans Phase. The planning team is currently refining these plans based on comments from the ECU community.

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The Preliminary Plan is developed from the Alternatives Phase, and from the comments / feedback from the ECU community. While some ideas may seem radical, they are a test or a "what if?" approach. This process also helps the master plan team identify and confirm that all possible opportunities have been explored. The Preliminary Plan is not final and some elements can be interchangeable.

Campus Master Plan Process

Today's Process

- · Brief review of the draft plans
- · Preliminary Master Plan Presentation
- Discussion
- Immediate dialog

Additional Feedback

- Workbook
- · Campus/Community Feedback
- More thoughtful response

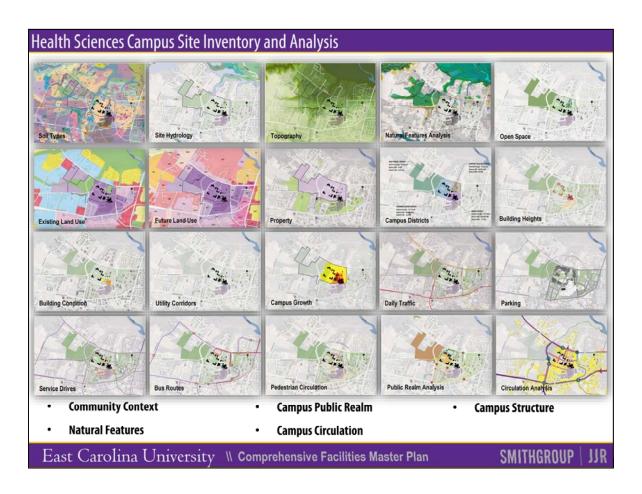


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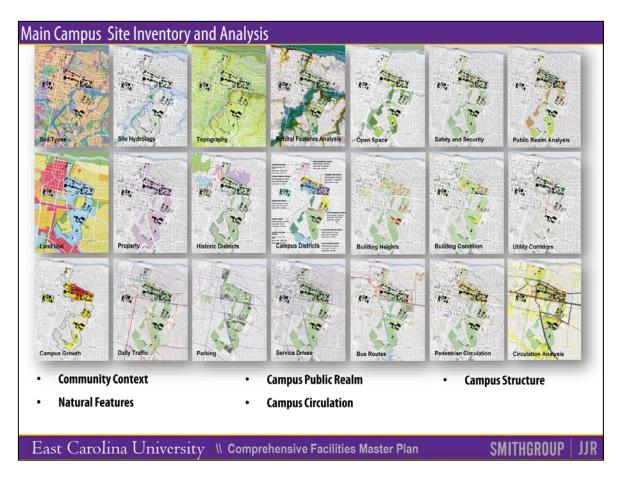
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Alternative Scenarios Workbook

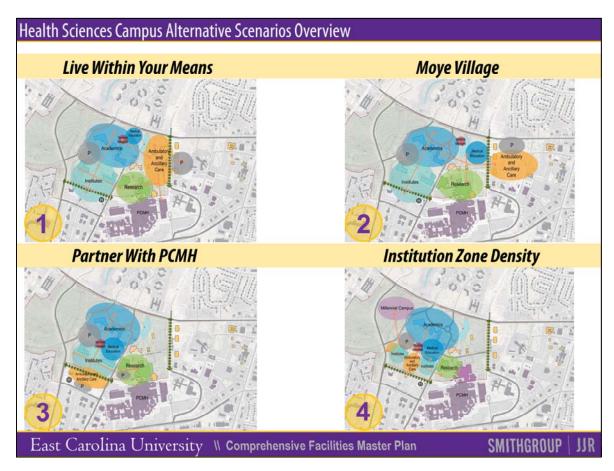
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Concurrently during the Capital Projects process, the master plan team performed a thorough site inventory and analysis of the Health Sciences Campus. These maps helped drive the alternative scenarios process in regards to community context, natural features, vehicular and pedestrian circulation, and campus structure. These maps can be reviewed in detail on the campus master plan site: www.ecu.edu/masterplan

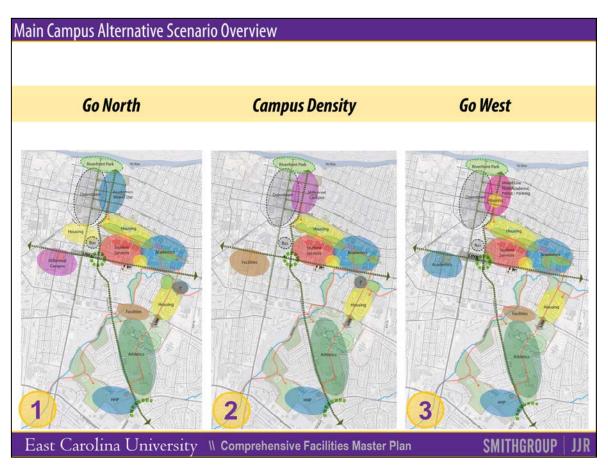


Concurrently during the Capital Projects process, the master plan team performed a thorough site inventory and analysis of the Main Campus. These maps helped drive the alternative scenarios process in regards to community context, natural features, vehicular and pedestrian circulation, and campus structure. These maps can be reviewed in detail on the campus master plan site: www.ecu.edu/masterplan



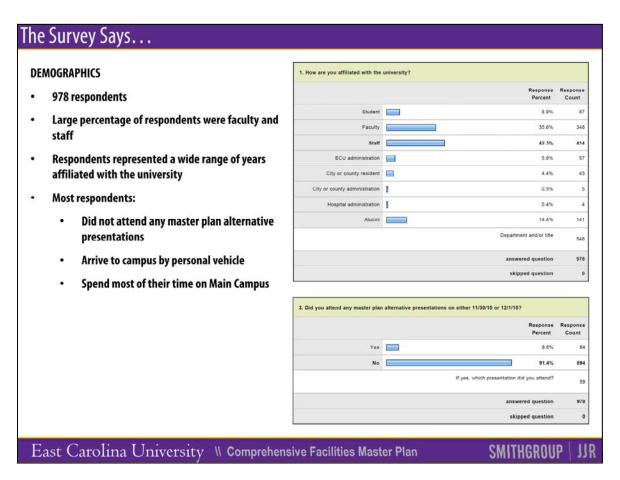
The master plan team created four alternative scenarios for the Health Sciences Campus. These "bubble diagram" illustrations show a comparative overview of each. The primary movable pieces are the Ambulatory and Ancillary Service components and the Medical Education facility. Academic, Institution, and Research zones became less mobile in the process due to existing established districts within this campus.

- 1. "Live Within Your Means" illustrates a scenario where all of the future growth is handled within the existing property boundaries of the campus.
- 2. The "Moye Village" scenario shows an extension of the Moye Building complex to the east of Moye Boulevard.
- 3. In the "Partner With PCMH" scenario, the Ambulatory and Ancillary components move south of Heart Boulevard for an more direct adjacency to PCMH.
- 4. In the last scheme, "Institution Zone Density", the Ambulatory and Ancillary components move into a central location between the Family Medicine and Cardiovascular Institute.

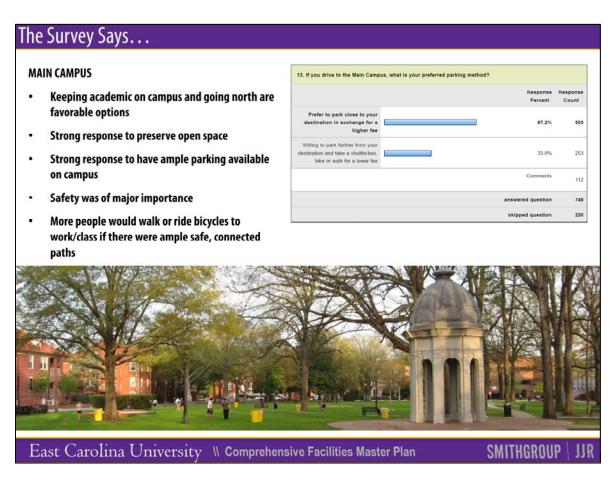


The master plan team created three alternative scenarios for the Main Campus. These "bubble diagram" illustrations show a comparative overview of each. The primary movable pieces are the Academic (expansion), Residential (expansion), Millennial Campus and Facilities components. The pieces that become more stationary are the Athletic, established Residential, established Academic areas and the HHP campus. These areas are less mobile due to their existing districts on campus

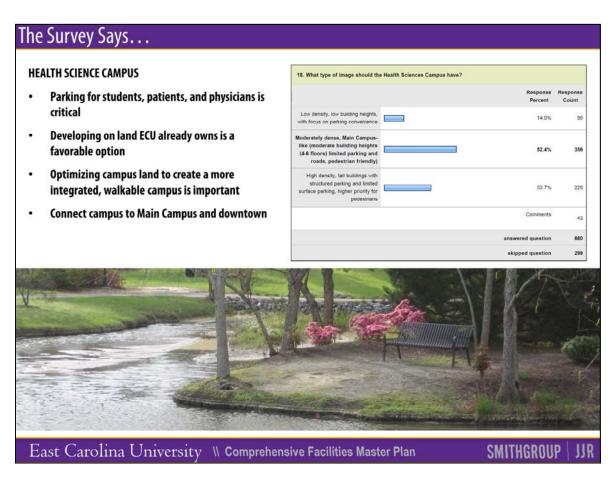
- 1. "Go North" illustrates a scenario where future Academic components are incorporated into the downtown fabric of campus. A new Residential component would be established just to the south of this area. A Millennial Campus would be developed in the Warehouse District.
- 2. The "Campus Density" scenario shows an increased concentration of Academics within the existing east Academic Zone. New Residential opportunities would be located in existing Residential areas within the campus boundary. The Millennial Campus would be developed within the Reade Street Corridor. Facilities and Support Services would located in the Warehouse District.
- 3. In the "Go West" scenario, the Academic expansion would occur in the Warehouse District. Residential expansion could be paired with mixed use in the downtown area. The Millennial Campus in this scheme is located to the Health Sciences Campus.



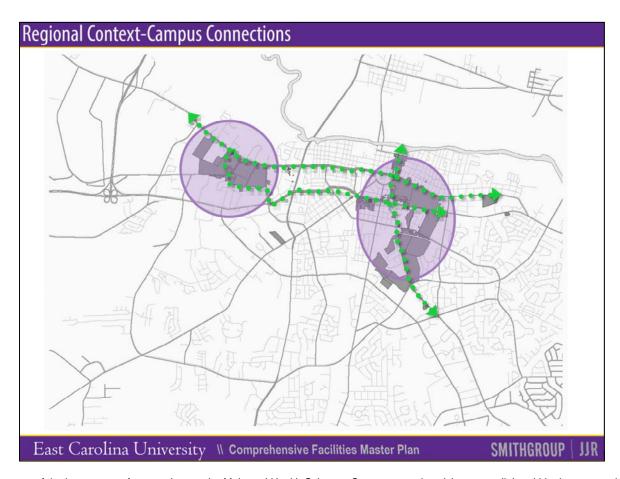
The planning team provided a survey online for the ECU community to provide feedback on the alternatives. This was not a scientific survey, but used as a way insure transparency and provide inclusiveness to all members of the ECU community. Shown above is an overview of the results.



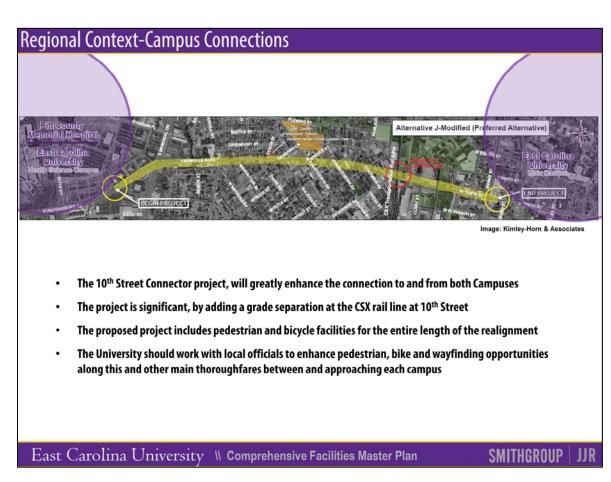
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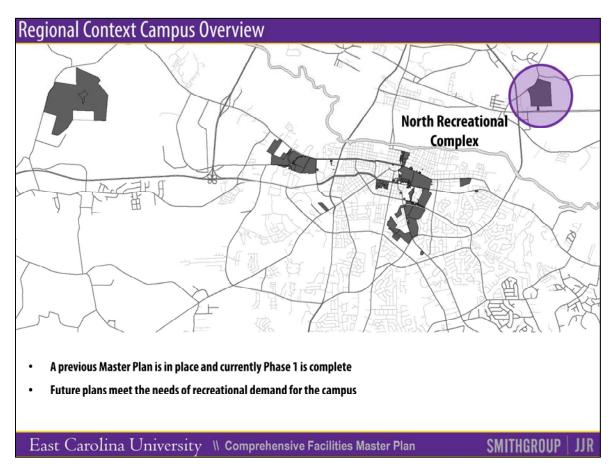
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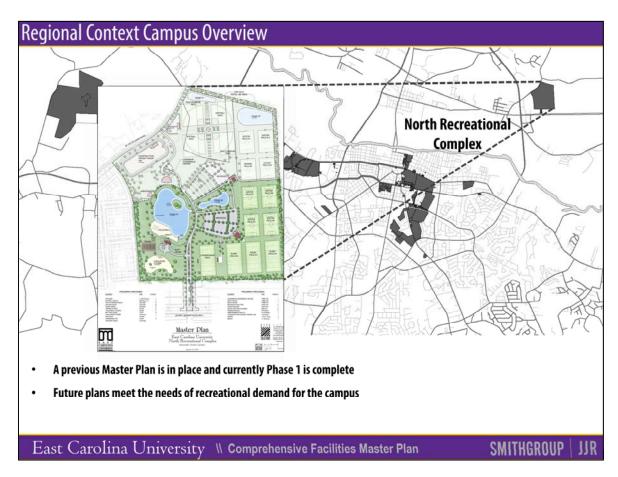
The planners are aware of the importance of connections to the Main and Health Sciences Campuses and envision strong links within the community.



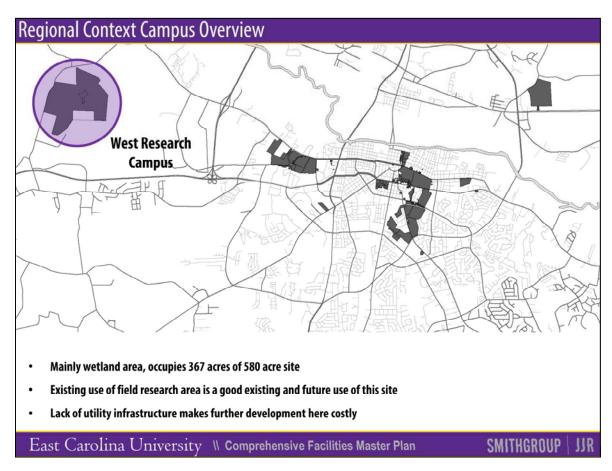
The 10th Street Connector project is significant in providing a strong connection in between both campuses.



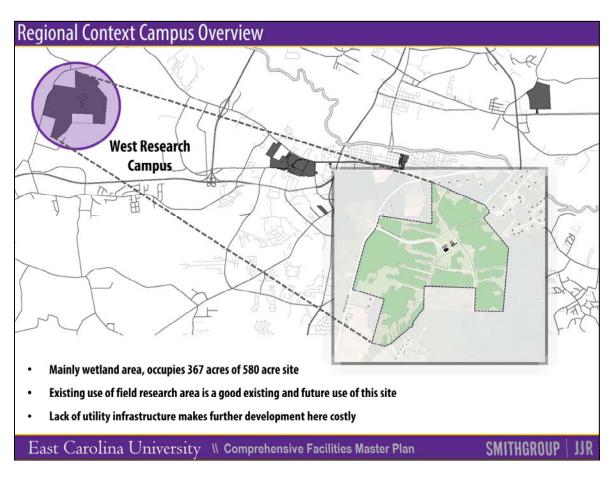
An overview of the regional context of the ECU campus is illustrated in regards to the 4 largest components of the campus: North Recreational Complex, the West Research Campus, the Health Sciences Campus and the Main Campus. The master plan team studied in detail these large campus components to confirm that the existing use was the best use for these areas.



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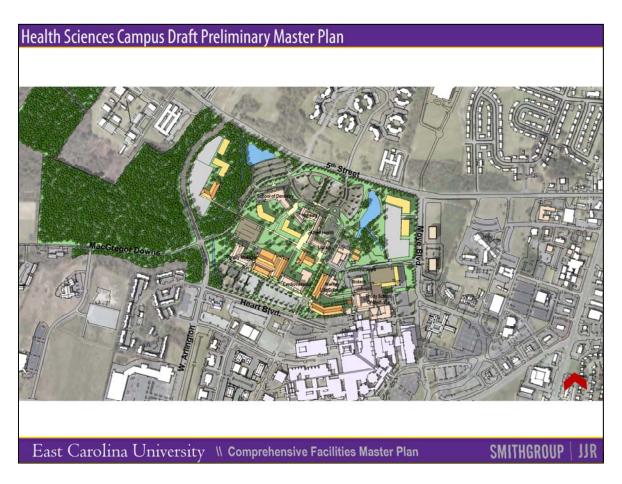


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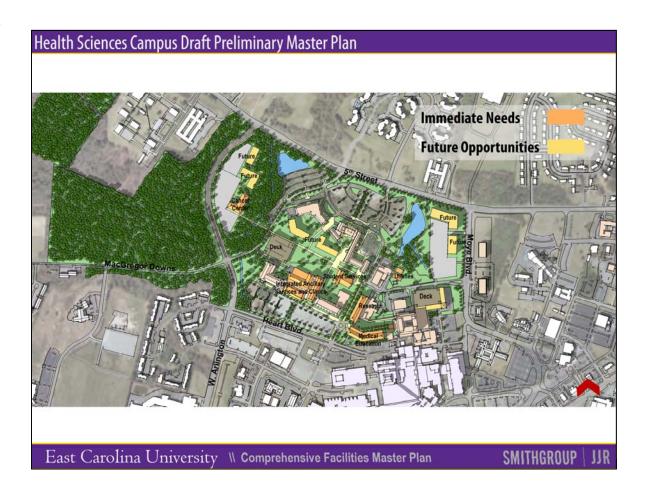


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This slide illustrates a overview of the Health Sciences Campus Preliminary Plan. Feedback from the ECU community after the Alternatives Phase indicated that optimizing the land that the University currently owns was a good option to pursue.



A brief overview of the major components of the Health Sciences Preliminary Plan are:

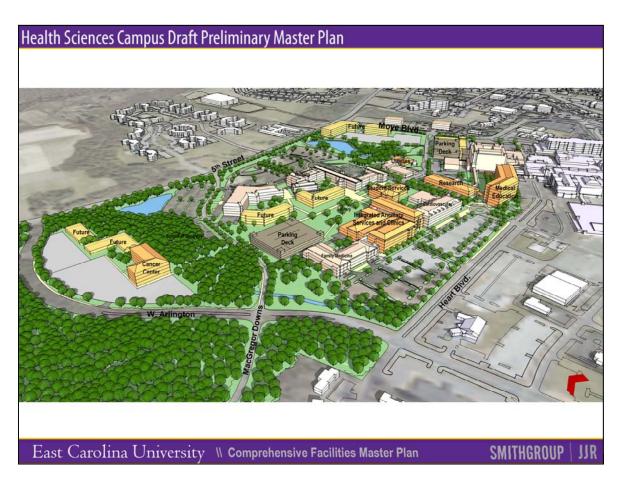
Buildings:

The Immediate Needs of the campus are identified by orange and the places where Future Opportunities can occur are identified in yellow.

- 1. The Medical Education building is proposed at the west side of the Brody Complex. The placement of this building in this location will allow better adjacencies to research, the hospital and the institutional uses on campus.
- 2. A student services building is proposed south of the Allied Sciences building. The need for this type of facility was identified in an earlier phase of the project.
- 3. In regards to the clinical aspect of the program, a proposed integrated Ancillary Services and Clinics building is located between the Cardiovascular Institute and the Family Medicine building. A phased approach to this building can be utilized. An interior corridor system can be used to link the various institutional uses.
- 4. A central parking deck is located just north of Family Medicine.
- 5. A new Cancer Center would be located at the east side of W. Arlington. The cancer center is placed in a restorative setting, and does not necessarily need to be directly adjacent to other components. Adjacent surface parking is an important element for this facility.
- 6. Future opportunities for growth are identified in yellow. A program need has not been identified for these blocks.
- 7. The Brody building can be renovated to provide research space and additional offices.

Parking and Circulation:

- 1. The placement of new surface parking is difficult to achieve in this plan. Several parking decks are incorporated for staff/faculty parking to provide a relief to patient parking in the surface areas south of Family Medicine and Cardiovascular.
- 2. As the campus develops, opportunities for an enhanced pedestrian network increase and is necessary. This plan shows a comprehensive system for pedestrians to get to parking, easily traverse between facilities and recreational opportunities. The service drive south of the utilities building and north of Cardiovascular will be transitioned into a Service/Pedestrian "Roadway", eliminating through traffic.



This massing study illustrates proposed building heights.



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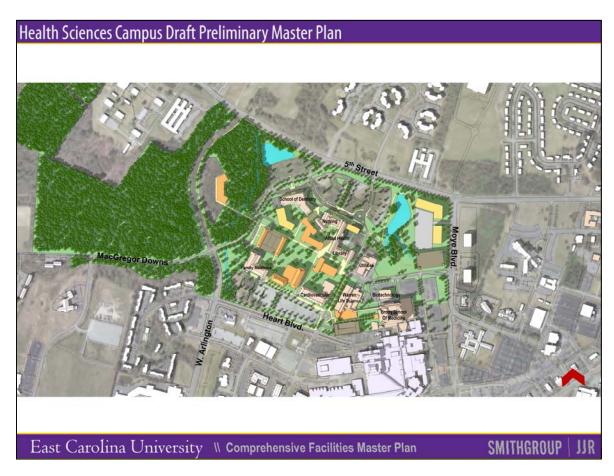


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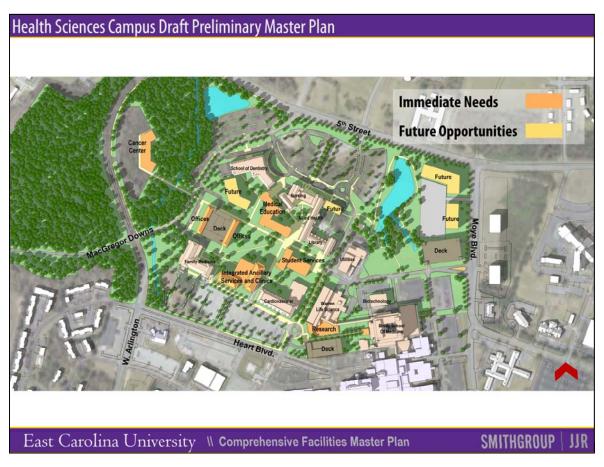


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A brief overview of the major components of the Health Sciences Preliminary Plan are: **Ruildings**:

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- The academic portion of the campus will grow and be reinforced with the proposed addition of the Medical Education building. This building is proposed at the north central portion of the campus.
- 2. A student services building is proposed south of the Allied Sciences building. The need for this type of facility was identified in an earlier phase of the project.
- 3. In regards to the clinical aspect of the program, a proposed integrated Ancillary Services and Clinics building is located between the Cardiovascular Institute and the Family Medicine building. A phased approach to this building can be utilized.
- 4. An office component is located north of Family Medicine with a central parking deck.
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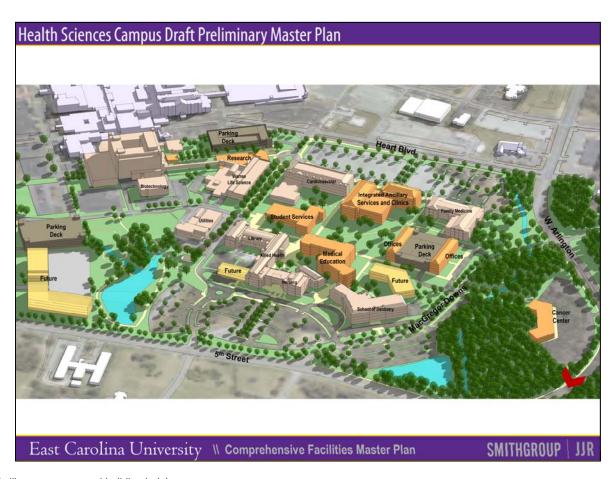
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Exterior Green and Open Space:

1. The placement of buildings and other built elements will also provide an opportunity for new exterior spaces for respite such as courtyards, plazas and gardens. This enhancement will provide this portion of the campus with an increased amount of exterior activity spaces.



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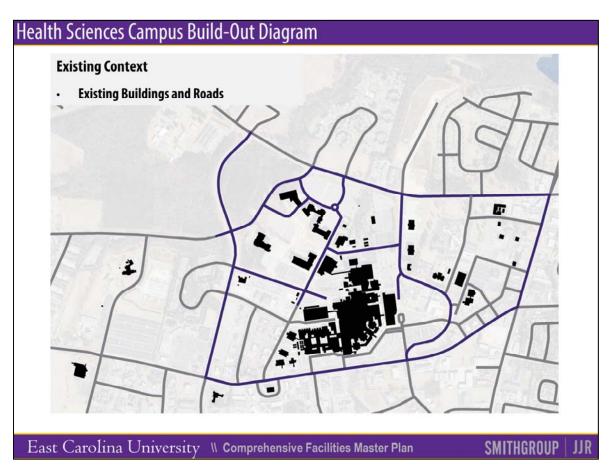
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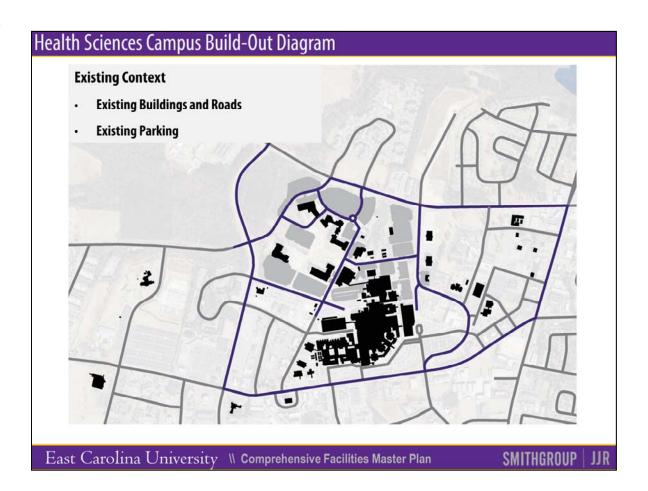
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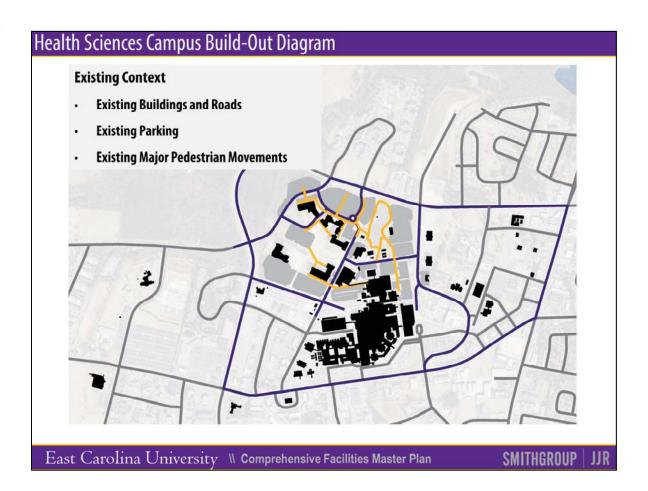


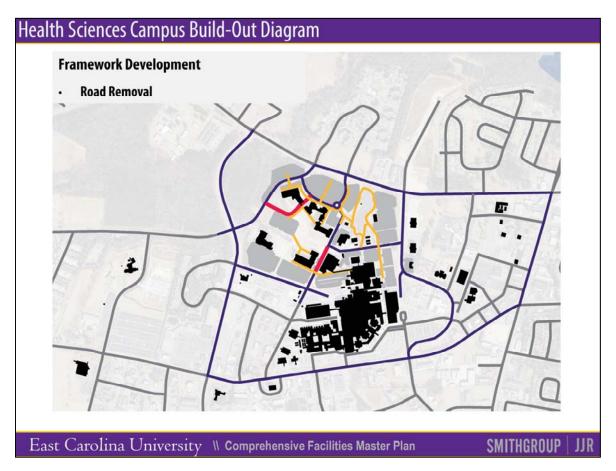
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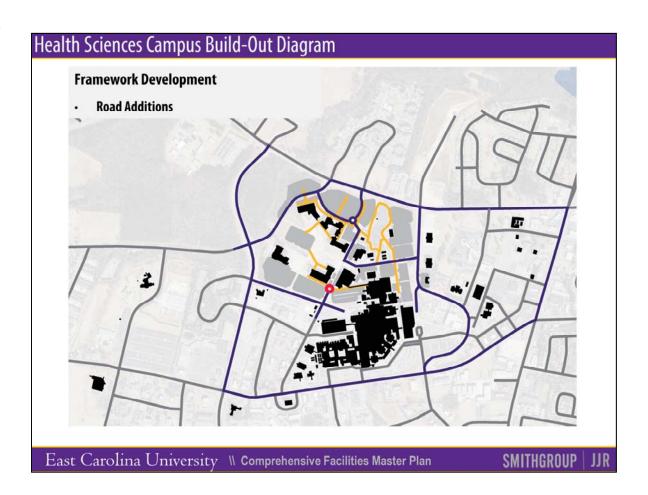
To understand the Preliminary Plan and how it affects current campus systems, a breakdown of the individual systems is illustrated in the next several diagrams. But first, in the next 3 pages, we need to understand the existing framework of campus in regards to existing buildings parking, road and pedestrian networks.

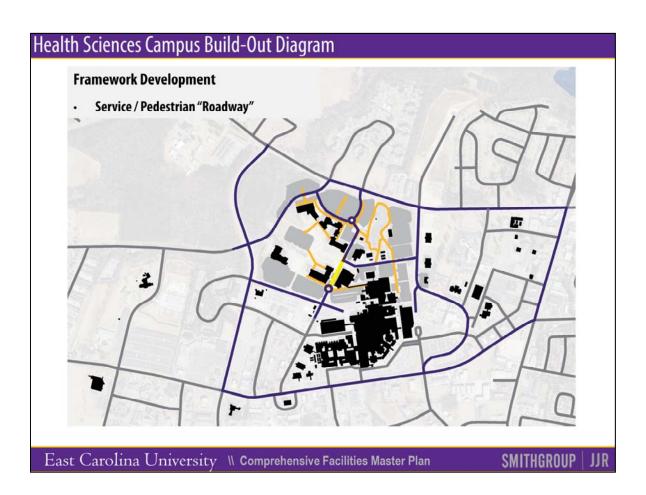


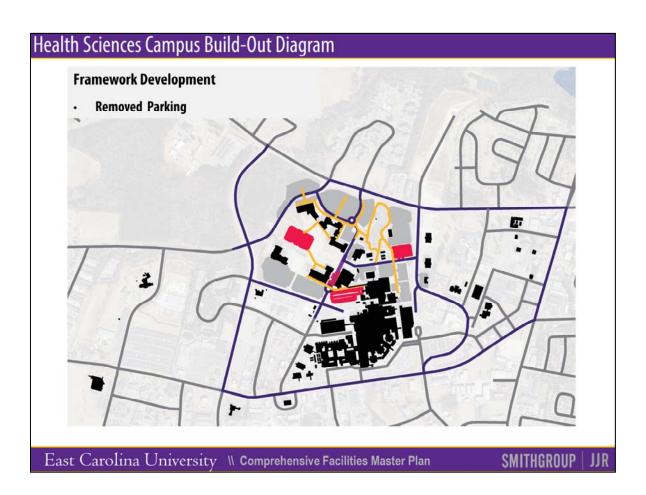


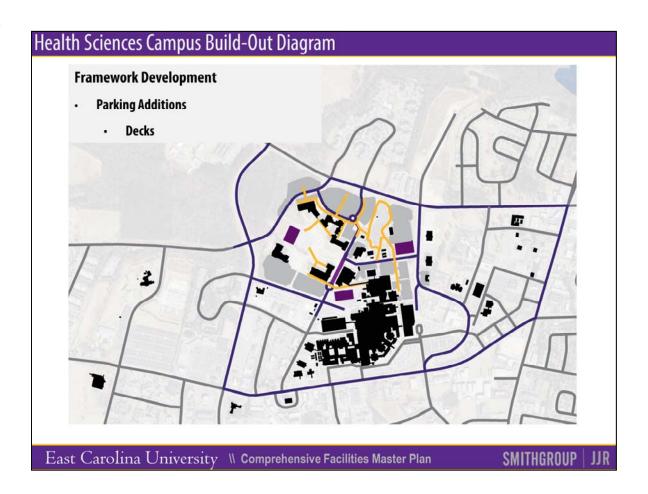


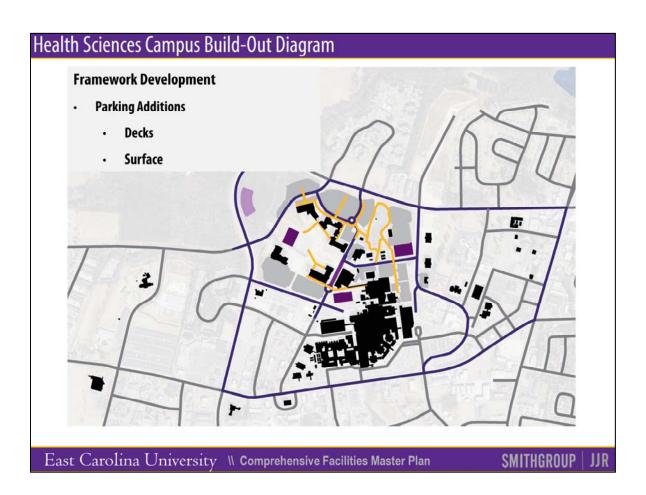
In order to plan for the future placement of buildings and amenities, it must be understood the impacts of these changes to the existing campus fabric. Keep in mind, this is not a phasing plan, but an evaluation of developing a framework to move forward. Not all "layers" on each of the next several pages will occur at the same time, but as this process moves forward, the planning team will develop a phasing plan to identify the most efficient future road map for the campus.

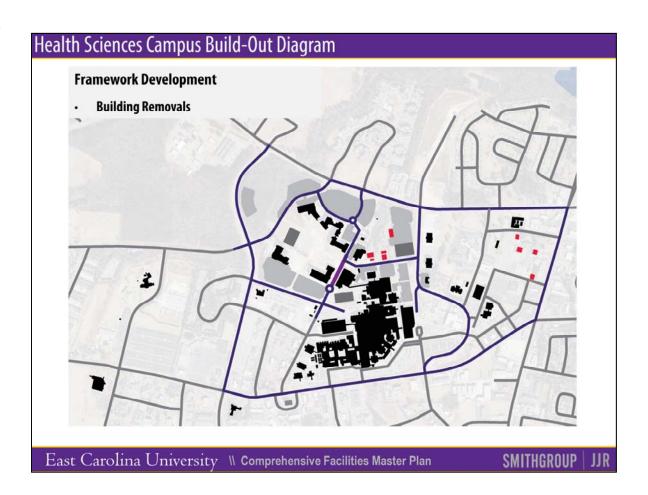


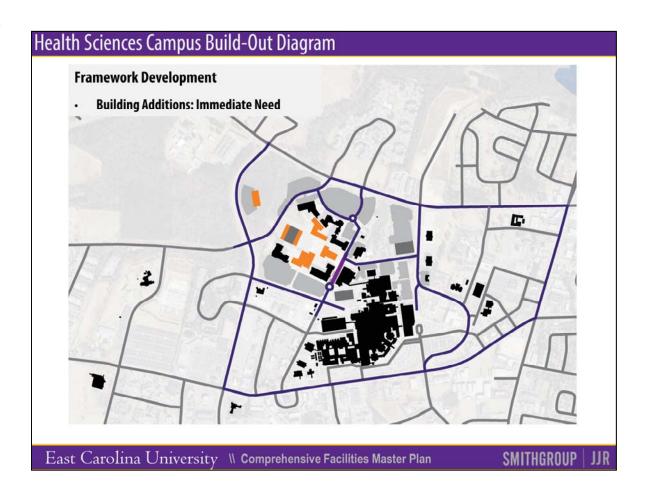


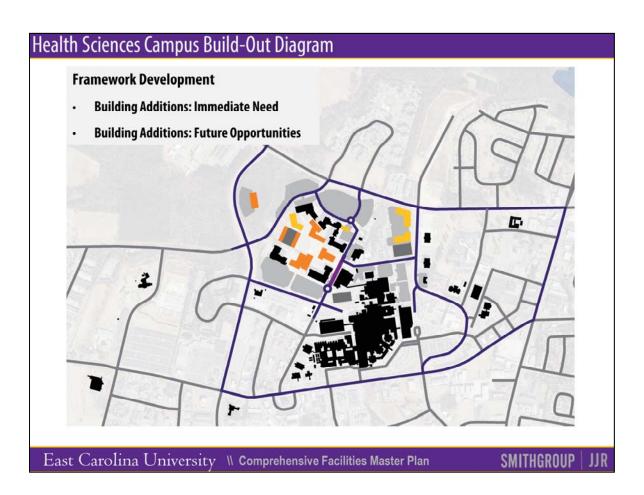


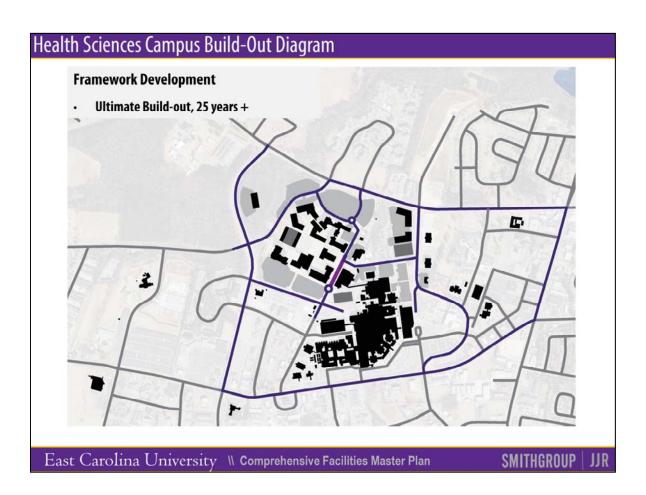


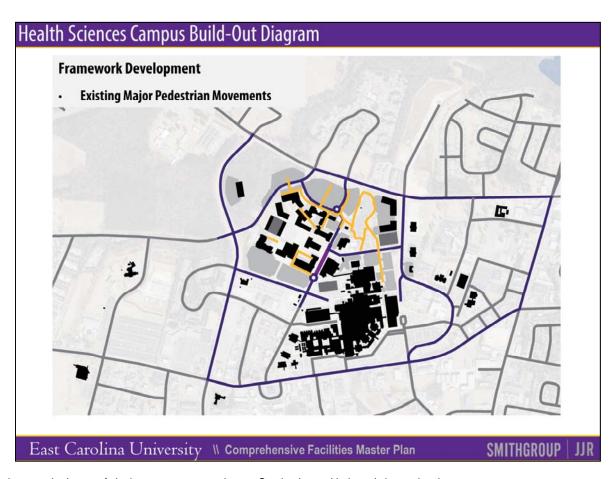




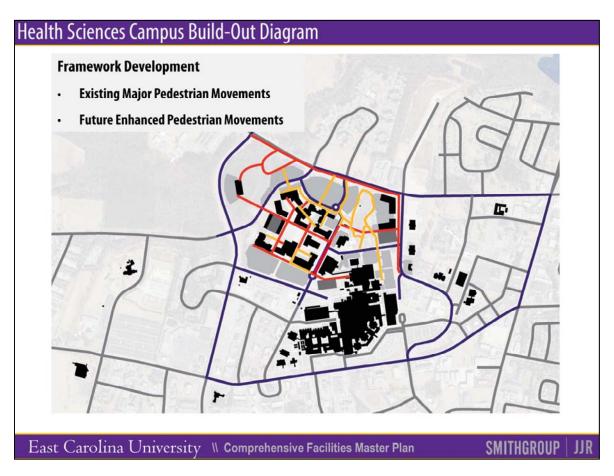




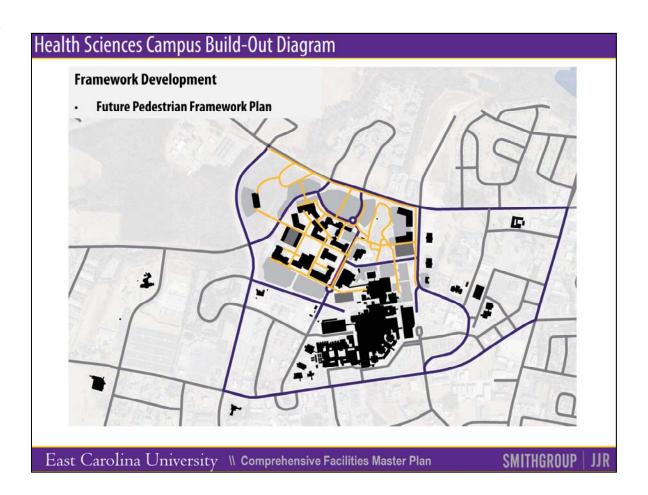


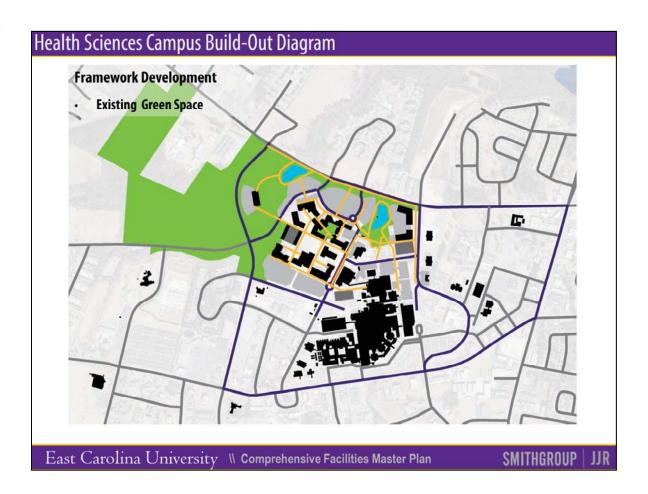


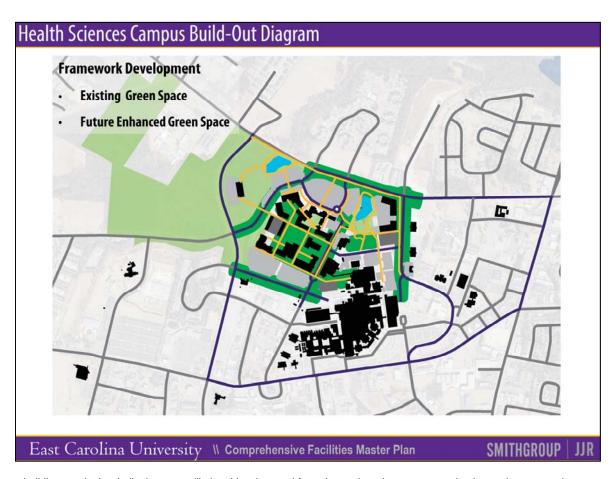
In these last several pages, the layers of site improvements are shown. Starting here with the existing pedestrian movements.



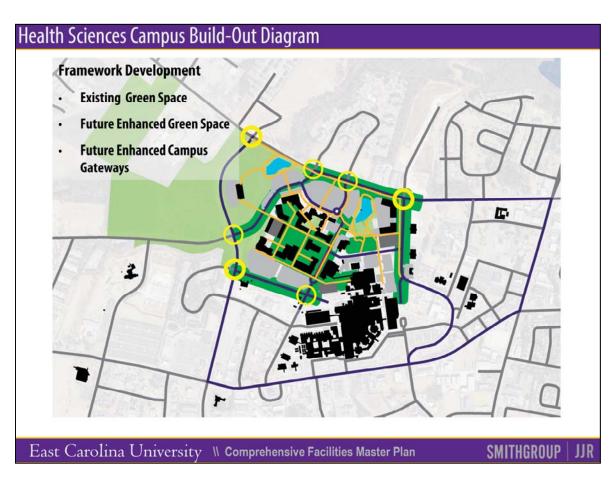
In order to create a more meaningful pedestrian network, enhancements and additions to the network need to be made. Shown here in red are new major improvements.



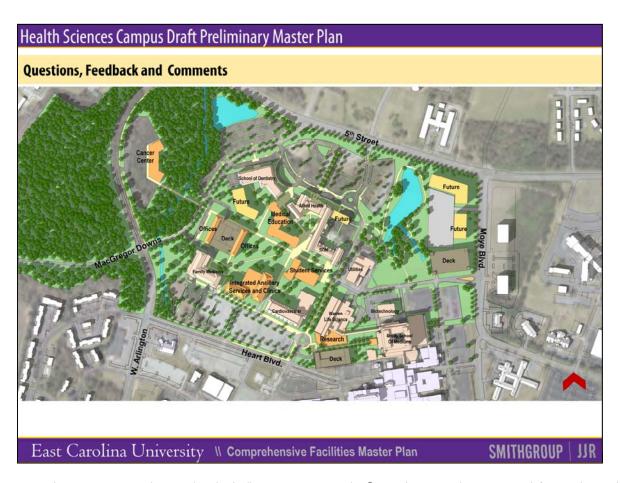




The placement of new buildings and other built elements will also drive the need for enhanced outdoor spaces and enhanced campus edges.



The placement of new buildings and other built elements will also drive the need for enhanced campus identity and clearer defined gateways to the surrounding community and visitors.

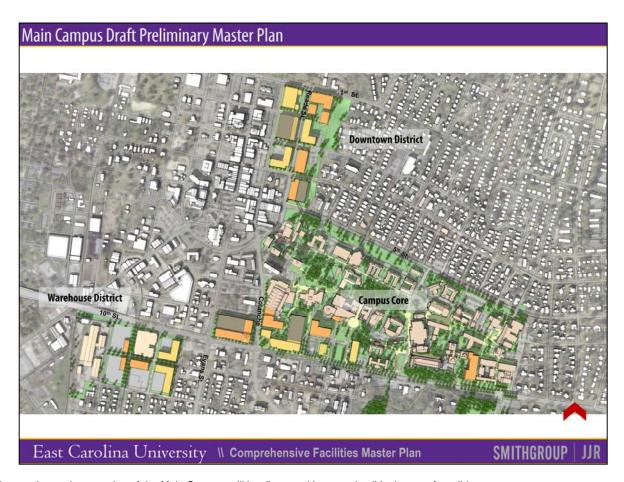


Please submit your questions, comments, and suggestions by April 22, 2011 to masterplan@ecu.edu or go to the www.ecu.edu/masterplan, and click on the "send us your feedback and comments" link on the left side of the page.





This slide illustrates a overview of the Main Campus Preliminary Plan. Feedback from the ECU community after the Alternatives Phase indicated that new growth for the campus should "Go North" and "Go West".



Three major districts on the northern portion of the Main Campus will be discussed in more detail in the next few slides.



Within the Central Core of the Main Campus:

The Immediate Needs of the campus are identified by orange and the places where Future Opportunities can occur are identified in yellow.

During the Strategic Review and Needs Assessment portion of the process, several priority buildings were identified.

Buildings:

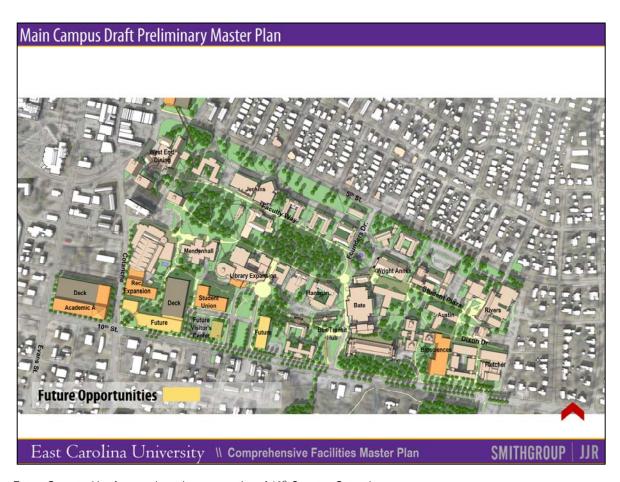
- 1. Within the academic portion of the campus (east of Founders Drive), is currently at a building density limit, so further development here is limited. However, a proposed Biosciences building is located adjacent to the Howell Science building.
- 2. A new Student Center is located in the heart of the east side of the Main Campus, centrally located by the Rec. Center and Joyner Library. A needed addition to the Rec. Center is also located here.
- 3. A new Academic "A" Building is proposed at the corner of 10th Street and Cotanche. This building will help with connectivity to the Warehouse District portion of campus and create a gateway element.
- 4. A Future Opportunity for growth exists at the east side of Wendell Smiley Way, however, a program has not been identified for this building.

Parking and Circulation

- . Opportunities for new surface parking on campus is limited, parking decks are proposed next to the new Student Center location and adjacent to Academic Building "A".
- 2. It is proposed that several surface parking lots are eliminated in the core of the campus. The purpose of this is to allow safer pedestrian movements through campus. The lots on the campus perimeter will remain in tact.
- A Bus Hub is suggested to be moved from the Christenbury site (off of 10th Street) to a new location off of Founders Drive and 10th, or to a location just south of the new Student Center. The location would hold approximately 4-5 busses at a time and be a major drop off and pick up point for the ECU transit system.
- Several roads are proposed to be converted to Service/Pedestrian "Roadways": Founders Drive is will remain in place off of 5th and loop around the fountain, the south portion will have access to parking behind Flanagan. However, the center portion of the drive will only have access for service vehicles. This is important, as students have difficulty crossing this road between Bate and Flanagan. Faculty Way and Dixon Drive are also proposed as service and pedestrians only. This will encourage other modes of transportation other than personal vehicles.
- 5. The placement of buildings and other built elements will also provide exterior spaces for respite such as courtyards, plazas and gardens.

Exterior Green and Open Space:

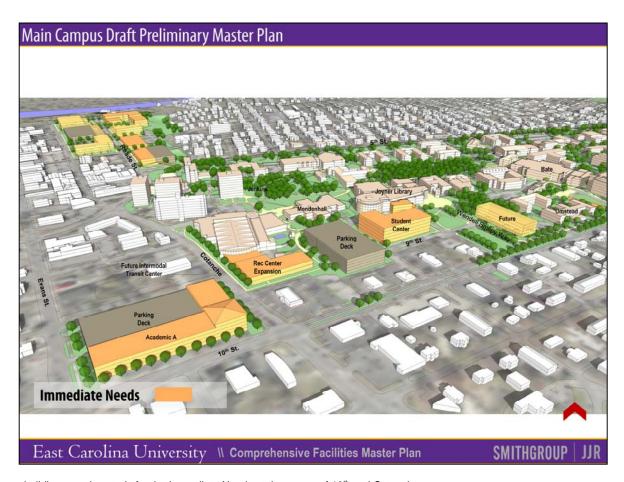
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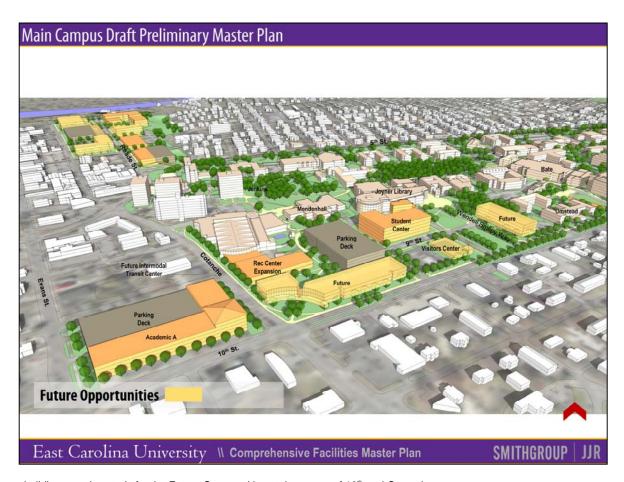
This slide illustrates Future Opportunities for growth on the west portion of 10th Street at Cotanche.



These images illustrate the shared Service / Pedestrian "Roadways" concept as described in the previous slide. Other universities have implemented these types of projects to keep pedestrians safe, however still enabling the campus to be serviced. These additions can become iconic places for the campus.



This slide illustrates a building massing study for the Immediate Needs at the corner of 10th and Cotanche.



This slide illustrates a building massing study for the Future Opportunities at the corner of 10th and Cotanche.



The 10th Street Corridor is an important image edge for the Main Campus. Currently, this edge of campus lacks a strong identity. It is proposed that a landscaped median be implemented down most of the length of 10th Street from the east to west portions of campus. Not only to slow vehicular traffic, but to assist with the safe and direct pedestrian crossings across this busy road. Especially at 10th and Cotanche, and at 10th and College Hill.

Additional landscape elements should also be incorporated on this edge of campus, reflecting the strong campus landscape that exists on the 5th Street corridor.

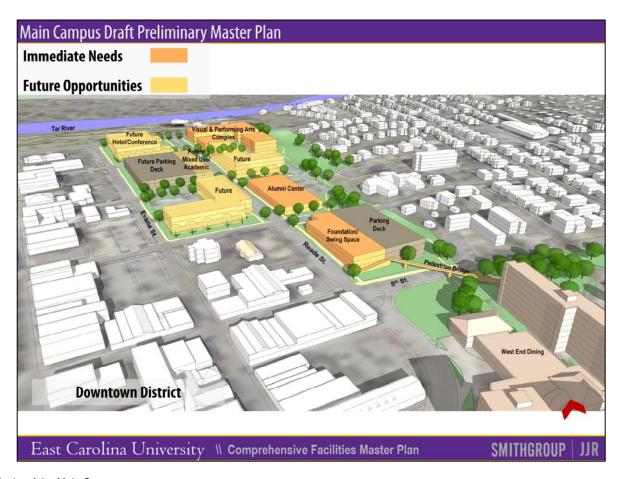
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This detail illustration of the intersection and 10th Street and College Hill shows a safe place for pedestrians to land on the median while crossing the street. Parking has been removed just south of Brewster and Fletcher, creating an active open space and landscaped edge. Service access to Howell is still maintained as well as access to parking at the lots on the east side of campus.

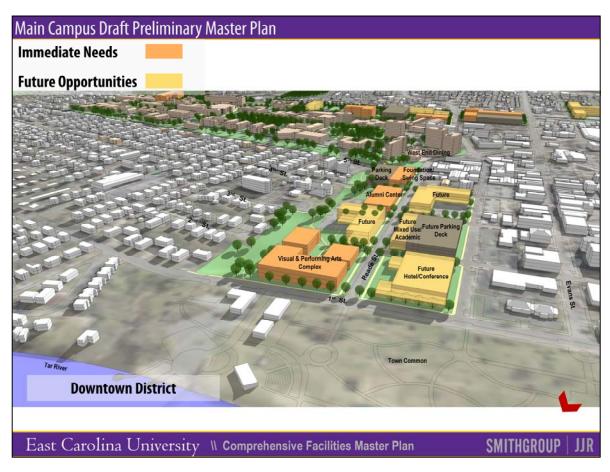


These images illustrate some examples of improvements that can be made to the 10th Street Corridor.



The Downtown District of the Main Campus:

- 1. This district will work with the urban fabric of Downtown Greenville on existing ECU property.
- 2. The east side of Reade Street illustrates some immediate need buildings such as Office Swing space, an Alumni Center and a Visual and Performing Arts Complex.
- 3. Future Opportunities exist to expand this portion of campus are illustrated with yellow blocks.
- 4. A pedestrian bridge is one idea to enable pedestrians to cross safely across 5th Street. The existing grade on the south side of 5th Street would allow easy access from the Campus Core to Downtown.
- 5. It is suggested that Reade Street employ Complete Street concepts. Two way travel is suggested, with the addition of bike lanes, streetscape elements (benches, landscape, etc.) and human scale architecture.

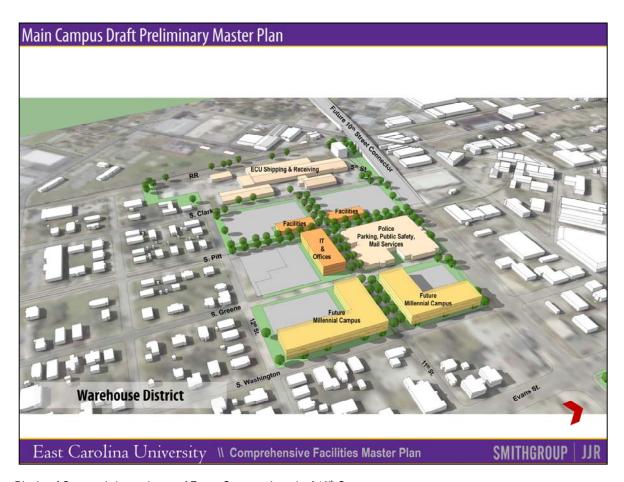


The Downtown District of the Main Campus:

- 1. The Visual and Performing Arts Complex at this corner will pair well with the Town Common plan, creating activity and energy in this corridor. Although not programmed yet, this program could include a black box theater, an auditorium, academic classrooms and offices.
- 2. The future addition of a Hotel / Conference Center would provide a transition to the Downtown Greenville area. A proposed deck would provide the necessary parking as development occurs here.

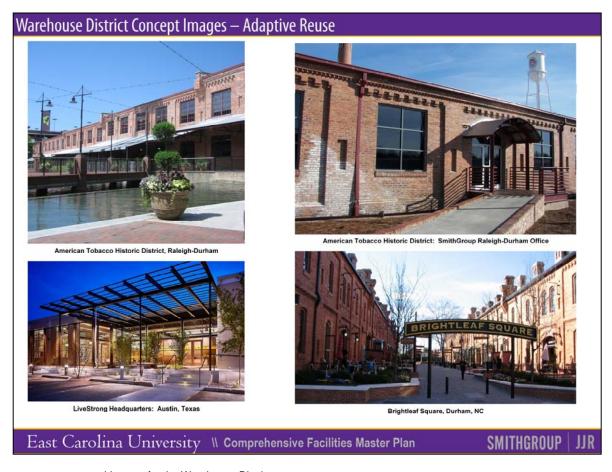


These images illustrate some conceptual images of the Downtown District.



The Warehouse District of Campus is located west of Evans Street and south of 10th Street.

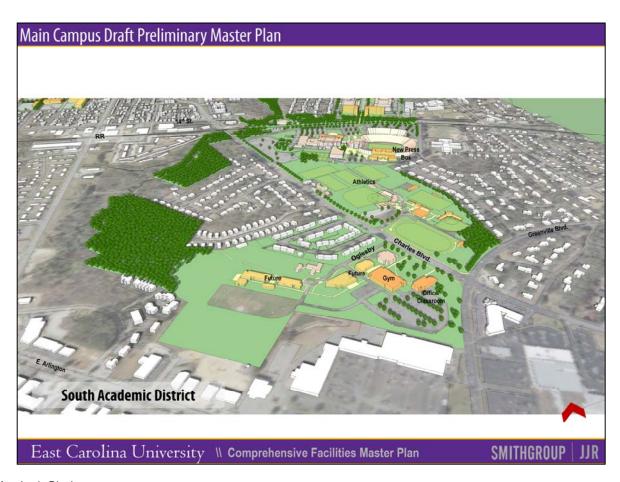
This district would be a central command for the back of house activities of ECU, such as Police, Parking, and Mail Services. The last historical tobacco warehouse on this portion of campus should be renovated to accommodate relocated uses. Future buildings can be incorporated as needed and this would be a good location for the Millennial Campus. Strong pedestrian connections should be incorporated on the streets in this district and from the Main Campus. The future 10th Street Connector project will incorporate multi-modal transportation facilities to Health Sciences Campus.



These images illustrate some conceptual images for the Warehouse District.



The South Residential District will replace the existing Belk Residence Hall with a new space. An additional Living / Learning Complex is proposed in this area as well. The terminus of College Hill is proposed to create a loop turn around at the end (however, still have access to 14th Street). With the old Belk Hall, pedestrians were blocked physically from getting through this area. A new pedestrian link would cross from this point south into the Athletics Campus. A parking deck could be incorporated in this area as well if demanded.

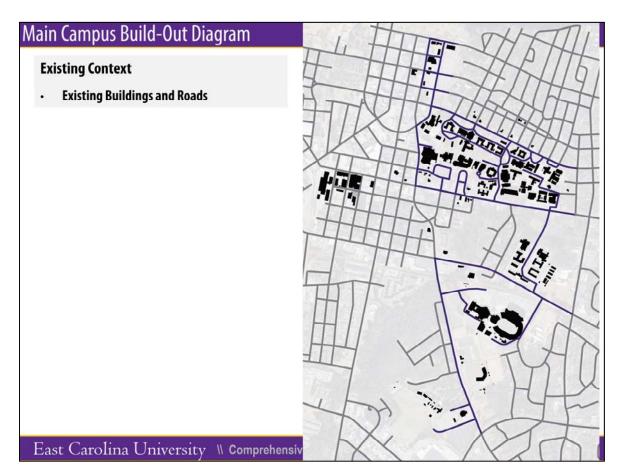


Within the South Academic District:

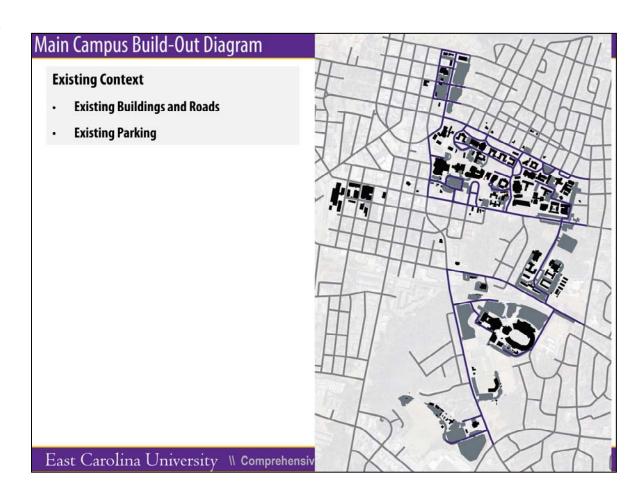
A new HHP gym is planned for the South Academic District with some additional classroom and office spaces. Future opportunities for other buildings would occur along Oglesby and to the west. The existing recreation fields would remain in place until that time.

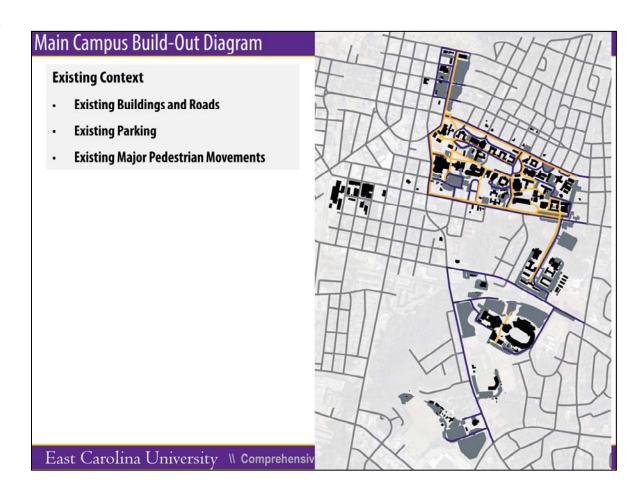
The Athletics Campus is undergoing major changes at this time and are illustrated in this drawing. A new press box to the stadium is planned as well as a basketball practice facility on the north side of Minges Coliseum.

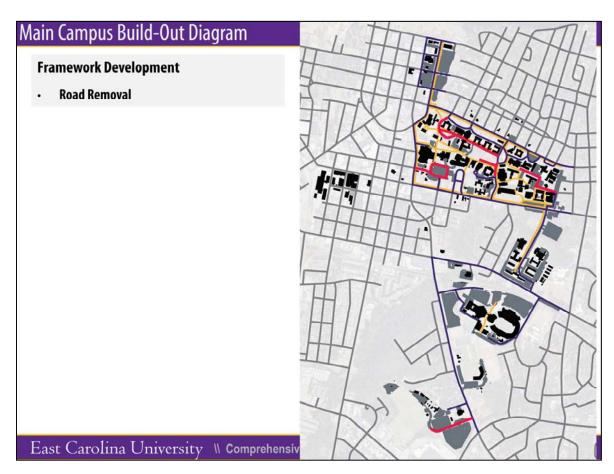
A pedestrian network would extend from College Hill Drive south to 14th Street into the Athletics District and into the South Academic District. A trail type path would be incorporated through the wooded areas to loop around to the south and west side of the campus (along the Green Mill Run).



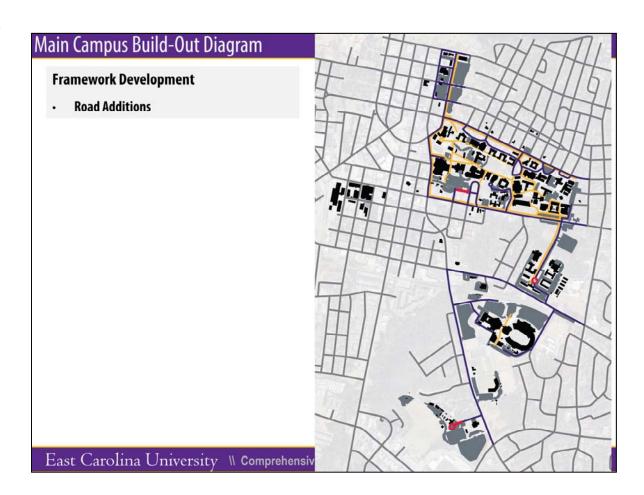
To understand the Preliminary Plan and how it affects current campus systems, a breakdown of the individual systems is illustrated in the next several diagrams. But first, in the next 3 pages, we need to understand the existing framework of campus in regards to existing buildings parking, road and pedestrian networks.

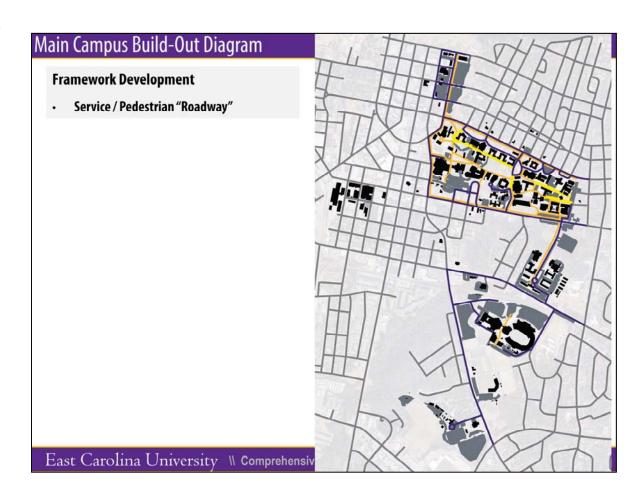


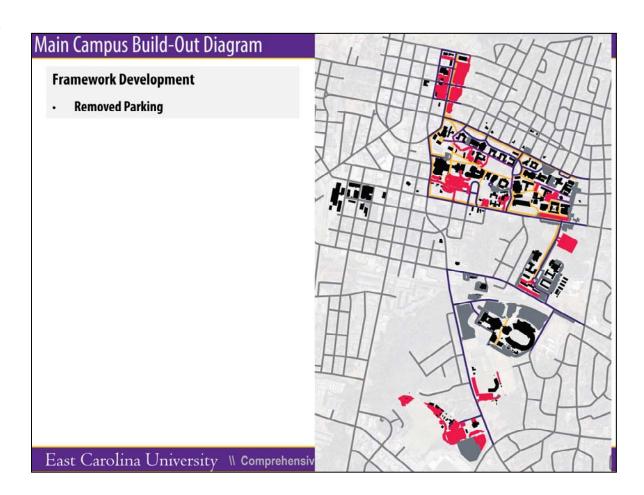


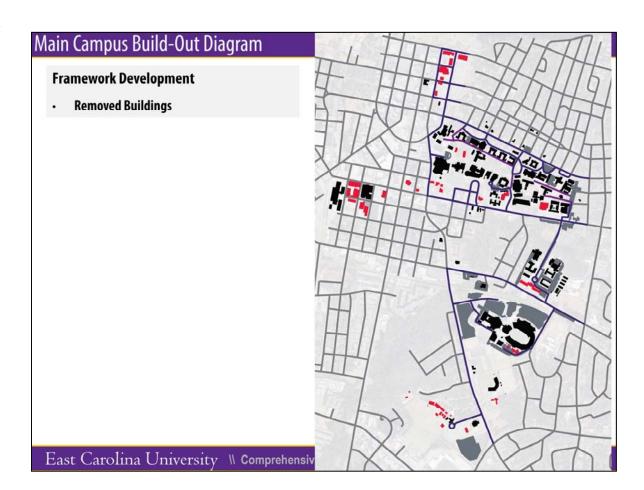


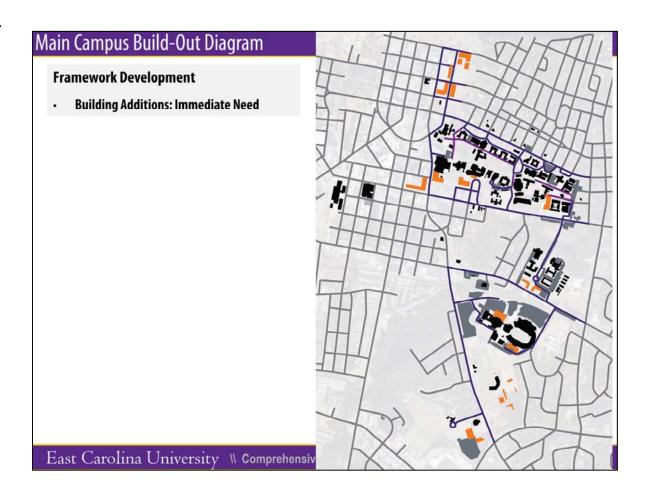
In order to plan for the future placement of buildings and amenities, it must be understood the impacts of these changes to the existing campus fabric. Keep in mind, this is not a phasing plan, but an evaluation of developing a framework to move forward. Not all "layers" on each of the next pages will occur at the same time, but as this plan moves forward, the planning team will develop a phasing plan to identify the most efficient future road map for the campus.

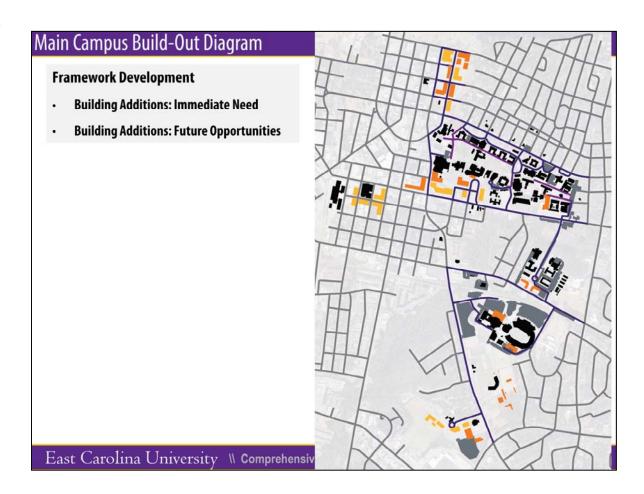


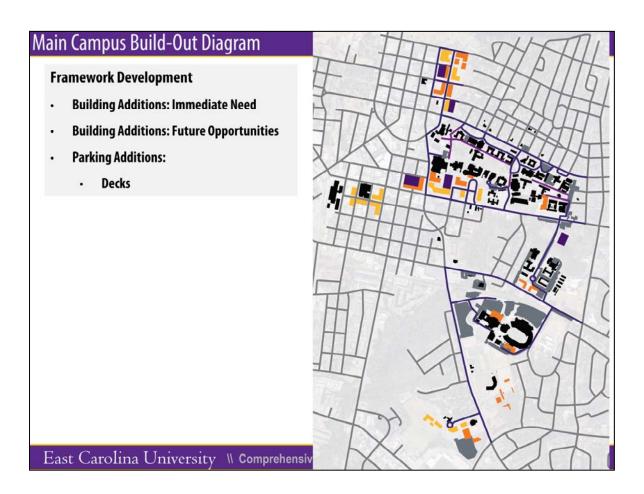


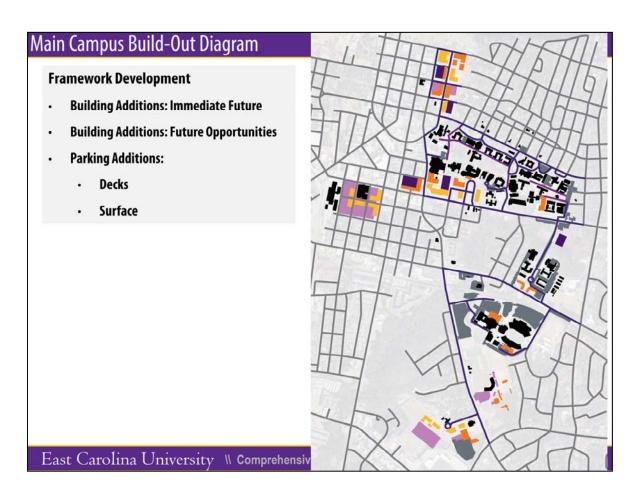


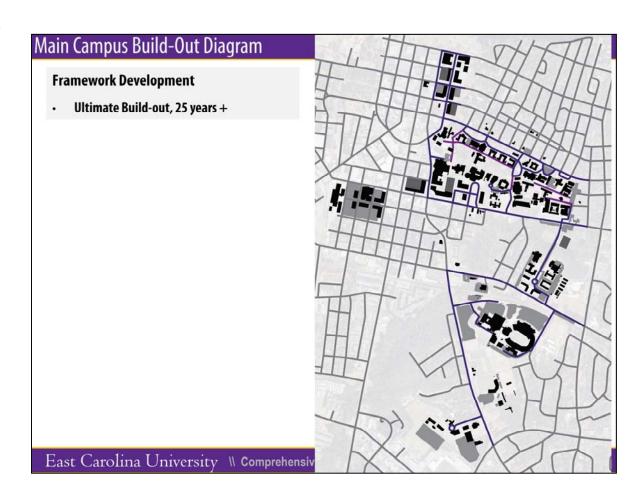


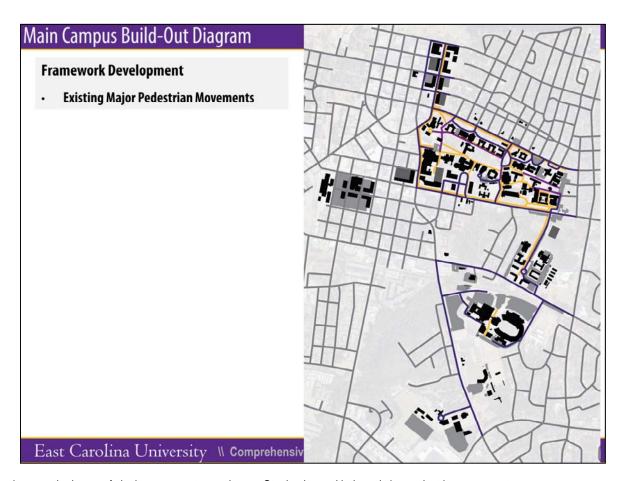




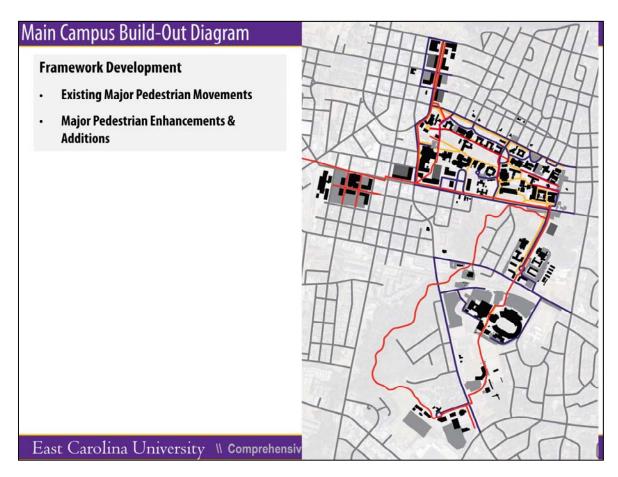




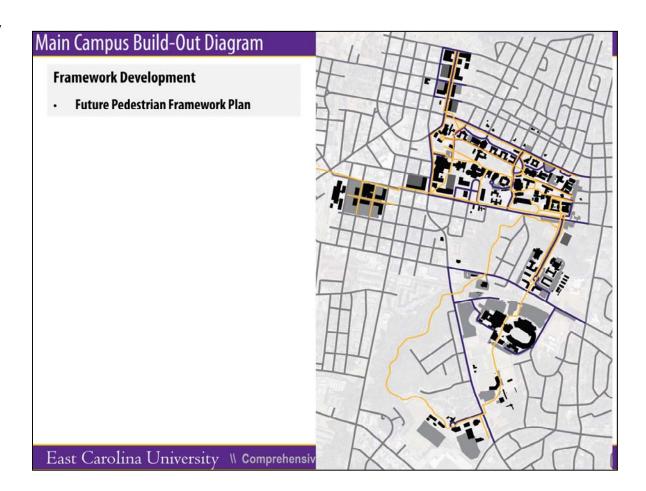


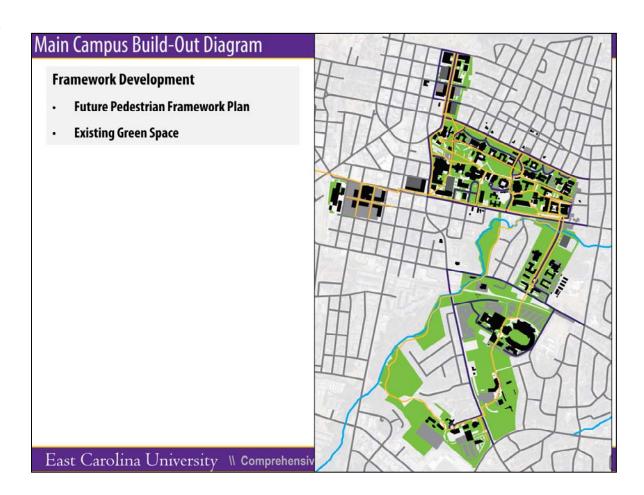


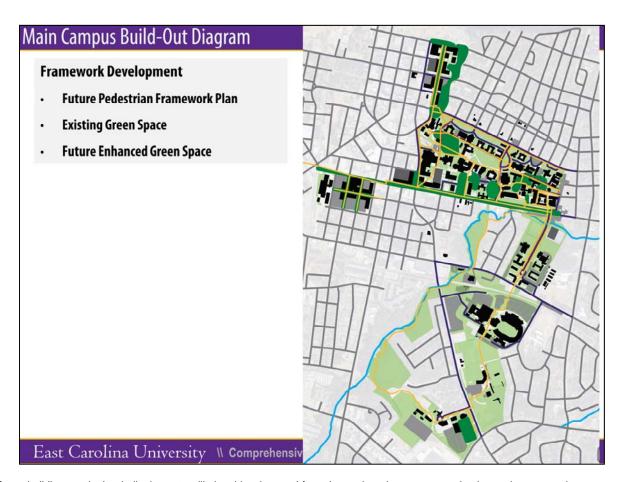
In these last several pages, the layers of site improvements are shown. Starting here with the existing pedestrian movements.



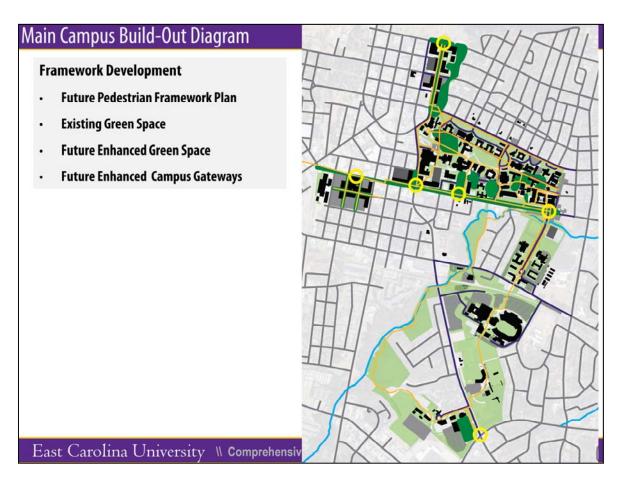
In order to create a more meaningful pedestrian network, enhancements and additions to the network need to be made. Shown here in red are new major improvements.



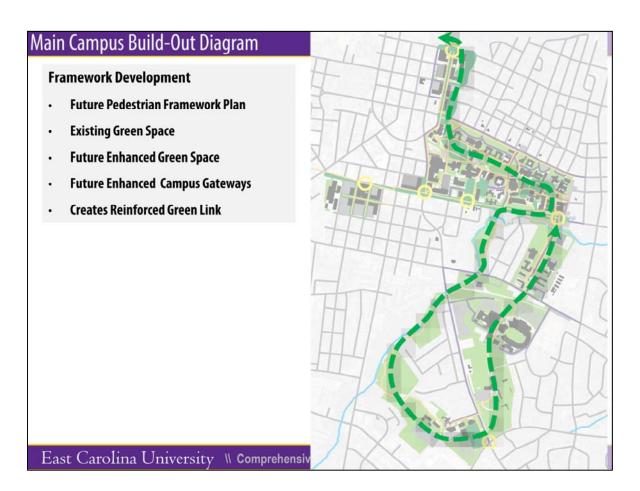


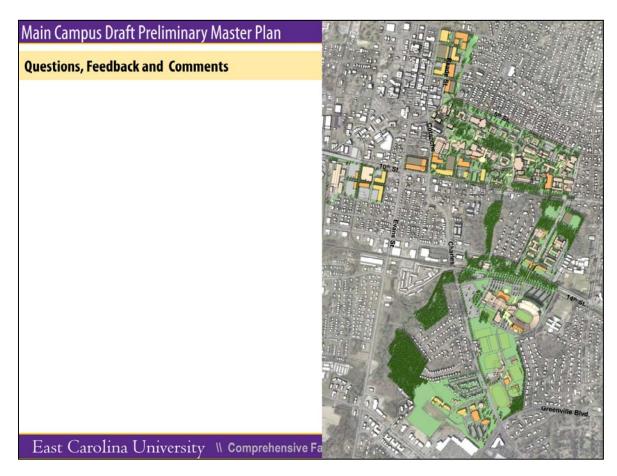


The placement of new buildings and other built elements will also drive the need for enhanced outdoor spaces and enhanced campus edges.



The placement of new buildings and other built elements will also drive the need for enhanced campus identity and clearer defined gateways to the surrounding community and visitors.





Please submit your questions, comments, and suggestions by April 22, 2011 to masterplan@ecu.edu or go to the www.ecu.edu/masterplan, and click on the "send us your feedback and comments" link on the left side of the page.

Email: masterplan@ecu.edu

Website: www.ecu.edu/masterplan

East Carolina University \\ Comprehensive Facilities Master Plan

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Please forward your comments, feedback and questions to the email on this page by April 22, 2011. For more information, please visit the ECU master plan website.

Thank you for taking the time to review this document.