

Florida Agricultural and Mechanical University
2015 – 2025 Campus Master Plan Update
(Five Year Comprehensive)
BR-352

Inventory & Analysis Report
January 2018

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**FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY
2015-2025 MASTER PLAN UPATE**

SUPPORTING INVENTORY AND ANALYSIS

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INTRODUCTION

The development of the 2015-2025 FAMU Master Plan Update is a requirement pursuant to Subsection 1013.30 F.S. The Final Master Plan and Supporting Inventory and Analysis documents are used to determine necessary facility requirements, building placement and proposed campus expansion to support the proposed student enrollment.

Resolution No. XX-XX of the Board of Trustees of FAMU signed on November 1, 2012 authorized the completion of the University's 2010-2020 Master Plan Update given that the 2000-2015 FAMU Master Plan Update was approved by the FAMU Board of Trustees in December 2002.

The 2015-2025 FAMU Master Plan Update is being completed in response to those changes requested by FAMU to update the 2010-2020 Master Plan Update to encompass the next ten-year planning period. As part of this update, all six (6) master plan elements were included and data was collected where available. The master plan elements included in this update consist of the Future Land Use, Housing, Recreation and Open Space, General Infrastructure, Transportation, and Capital Improvements.

The 2010-2020 FAMU Master Plan Update included the following Branch Campus locations: Lafayette Vineyards Center Viticulture Sciences in Tallahassee / Leon County, Florida; Quincy Farms Campus in Quincy / Gadsden County, Florida, and the AlateX Building in Crestview / Okaloosa County, Florida. The 2015-2025 FAMU Master Plan Update is for the Main Campus only. The requirements of the 2010-2020 FAMU Master Plan Update for the Branch Campus locations remain valid despite not being included in the current plan. Documentation and graphics are offered in this update for submittal to and review by those agencies responsible for review.

The completion of these elements will serve as the basis for a new Campus Development Agreement to be executed between the University's Board of Trustees and the City of Tallahassee.

The following data summarizes the elements that were updated to reflect FAMU's projected student enrollment and facilities development to support this enrollment.

STUDENT ENROLLMENT PROJECTIONS

Within the 10-year planning period, student enrollment is projected to increase. Table 1.1 reflects FAMU's projected pattern through 2021 for the Main Campus.

Table 1.1 Anticipated Total Student Headcount Projections

	Fall 2016 Enrollment	2020-2021
Total Headcount	9,614	11,458

Source: FAMU, 2017 University Work Plan

ELEMENT 4 - FUTURE LAND USE

The Future Land Use Element represents existing and proposed development patterns within the campus boundaries to be coordinated and not conflict with the adjacent areas planned by the City of Tallahassee. The Existing Context Area Land Use and Zoning Map (4.0 Future Land Use Element, Figure 4.3A) identifies the developable parcels of University property and depicts the land use zones appropriate for each.

The academic functions of the University are projected to remain concentrated within the northern portion of the campus throughout this planning period with primary emphasis placed on efficient infill of available lands in this area. This will become most evident within those areas designated as academic land use zones. The effort to create a central core of campus includes placement of housing and support facilities adjacent to academic facilities. This initiative will, however, be met with an equal placement of importance on the retention and creation of campus green spaces. The northern portion of the campus will also absorb the majority of recommended transportation improvements that will create a more efficient traffic pattern around the University. Included in these plans are the development of an arrival plaza and the closing of certain roadway segments including a portion of Martin Luther King, Jr. Boulevard. These improvements will combine to improve vehicular circulation around the periphery of the University and will assist in limiting pass-through traffic enabling FAMU to better function as a true destination. A limited amount of redeveloped and renovated housing and support facilities shall be located in the southern quadrant of campus near Palmetto and Adams Streets.

Recreation and open space land use zones, including those along Wahnish Way, will continue to have their activities focused in clustered arrangements. This is particularly true for intercollegiate athletic and intramural facilities that will remain arranged in a larger centralized area around the southern portion of campus.

ELEMENT 7 - HOUSING ELEMENT

FAMU presently maintains 2,383 bed spaces in 11 on-campus housing facilities. An inventory of bed spaces by facility and age of each facility is shown in Table 1.2.

Table 1.2: Inventory of Existing Beds, Main Campus

Bldg. No(s).	Name of Residence	Year	Maximum Bed Capacity	FY 2015-16 Capacity
	<i>Traditional</i>			
0005	Young Hall (Female)	1929	79	79
0044	Truth Hall (Female)	1959	103	103
0048	Sampson Hall (Male)	1938	159	159
0059	Gibbs Hall (Male)	1955	302	302
0115	Paddyfote Complex "A" (Single) (Female)	1967	60	232
0116	Paddyfote Complex "B" (Single) (Female)	1967	56	
0117	Paddyfote Complex "C" (Single) (Female)	1967	56	
0118	Paddyfote Complex "D" (Single) (Female)	1967	60	
	<i>Suites</i>			
0136	FAMU Village	2014	796	796
	<i>Apartments</i>			
0152-59	Palmetto Street North	1974	126	126
0605-08	Palmetto Street South (Male/Female)	1993	356	356
0162-63	Palmetto Street Phase III (Male/Female)	1996	356	356
	TOTAL Existing, Main Campus		2,509	2,509

Source: FAMU Office of Housing and Residence Life, 2017

Cropper, Diamond, McGuinn, and Wheatley Halls have been closed, eliminating 769 beds. These facilities will either be renovated or replaced with new construction. See Table 7.1.2.

The University currently adheres to a policy of providing housing for at least 30 percent of its student body by the year 2015 and which then shall increase to 33 percent by the year 2025.

The University does not anticipate the need for any more traditional dormitory rooms at this time. Current and projected trends for student housing in general call for more attention to privacy while still maintaining some degree of sharing and socialization among students, i.e. suite or apartment style residences with single occupancy bedrooms as well as living-learning initiatives.

Any planned new construction or major renovations should consider this and any other new housing market trends. The University may want to consider replacement of old obsolete residence structures with new suite or apartment-style residences in the future.

ELEMENT 8 - RECREATION AND OPEN SPACE

FAMU has made several strides towards the maintenance and provision of adequate recreation and open space facilities including those for Intercollegiate Athletics over the course of the prior planning periods. New intramural fields, Phase II of the Recreation Center, and the Multi-Purpose Teaching Gymnasium were constructed during the prior planning periods. The resurfacing of the track and the football field at Bragg Stadium was completed. Improvements to the dive and swimming pool are required. With the completion of these improvements to recreation and open space facilities the University is currently meeting its adopted level of service standards. However, Intercollegiate Athletic facilities are in need of maintenance and upgrades due to their age and frequency of use. The University is seeking funding opportunities for improvements to the Intercollegiate Athletic facilities through a variety of funding sources including public-private partnerships (P3), alumni, and other revenue streams. The campus master plan update offers provisions for relocating the stadium and associated athletic facilities to the southeastern portion of campus.

ELEMENT 9 - GENERAL INFRASTRUCTURE ELEMENT

DRAINAGE:

The current level of stormwater management practiced at FAMU is limited to only collection, conveyance and disposal. Retention ponds have been constructed to handle runoff from the addition of facilities as they have been constructed and stormwater management improvements are in place to accommodate levels of retrofit activity. Prior to the construction of any new treatment facility, the University must coordinate and obtain an approved drainage permit and state regulatory agencies including the Florida Department of Environmental Protection (FDEP), Northwest Florida Water Management District (NFWFMD) and the Environmental Protection Agency (EPA).

Currently the University does not have additional capacity for stormwater management on-the Main Campus. The City of Tallahassee does not provide or offer additional capacity for stormwater management. As the University develops, stormwater management facilities are being constructed on a project-by-project basis. The University should explore opportunities for a centralized or regional stormwater facility to accommodate future development. Additional consideration should be given to a partnership for a joint stormwater management facility with the city of Tallahassee.

WATER:

The majority of the water distribution facilities including water mains, water meters, and fire hydrants are currently operated and maintained by the City of Tallahassee. In most cases, FAMU is only responsible for the water service laterals routed between the water supply main and the individual buildings. Future full-time student enrollment (FTE) at FAMU is not projected to significantly increase during the planning period. Despite this increase in student enrollment, it is believed that water consumption will not increase

when compared to prior planning periods as the Student Headcount has generally decreased overall. As required by the current Campus Development Agreement, to ensure adequate water supply and pressure in the future, FAMU has completed a potable water distribution analysis and study of the entire water system which serves the campus. Water distribution deficiencies have been determined by the study. The University is coordinating prioritization of project upgrades with the city.

SEWER:

FAMU is only responsible for the sewer collection system located on campus. The regional sewer collection system (off campus) and associated wastewater treatment plant are the responsibility of the city of Tallahassee. Therefore, it is critical that there exist close coordination between FAMU and the city of Tallahassee in order to maintain adequate sewer collection, wastewater treatment and disposal through and beyond this planning period. As required by the current Campus Development Agreement, to ensure sewer collection and disposal in the future, FAMU has completed a sanitary sewer collection and disposal analysis and study of the entire sewer system which serves the campus. Sewer deficiencies have been determined by the study. The University is coordination prioritization of project upgrades with the city.

SOLID WASTE:

Solid waste is currently being collected and disposed of by the City of Tallahassee. FAMU is only responsible for the collection and disposal of yard trash and debris. Solid waste is currently either recycled or sent to the Leon County landfill for the Main Campus. The operation and maintenance of the landfill is the responsibility of Tallahassee-Leon County. To be consistent with the policies within the county's comprehensive plan, FAMU has adopted recycling goals to reduce the solid waste volume by at least twenty (20) percent by 2020.

ELEMENT 11 – TRANSPORTATION ELEMENT

ROADWAY NETWORK:

Further enhancements are being evaluated including improvements along Orange Avenue and Adams Street, which will require the involvement of the Florida Department of Transportation, the Capital Region Transportation Planning Agency, and the City of Tallahassee should they advance. On-going coordination with the City of Tallahassee will be maintained for general improvements to the roadway network in and around campus including resurfacing, sidewalk improvements, and the providing for bike lanes or shared use lanes.

PARKING:

Since SY 2009/2010, there was a slight decrease in the number of spaces. Other parking lots were affected by the addition or subtraction of a few spaces. A number of handicap spaces were added in both existing and new lots. New parking was created at the Recreation fields adjacent to 2400 Wahnish Way and at the new DRS School on the south end of Wahnish Way. Overall, the decrease in the number of spaces was minor.

SY 2014/2015: 5,072 spaces in 60 lots/designated parking areas

Only one multi-level parking facility exists on campus, the 410-space parking garage (Building #171), located on the west side of Wahnish Way and south of Gamble Street and the Student Services Facility (Building #170). All other parking is provided by means of surface spaces. Of the 4,662 surface parking spaces, 60 spaces are located parallel to the Wahnish Way curb, between Osceola Street and Gamble Street, and 19 spaces are located parallel to Martin Luther King, Jr. Boulevard. The remaining 4,583 spaces are located in parking lots and along select internal circulation service drives. Table 1.3 indicates the Number of Vehicles to be accommodated in 2015-2025 for the Main Campus.

PEDESTRIAN AND NON-VEHICULAR CIRCULATION:

The existing pedestrian and non-vehicular circulation facilities on the University Main Campus consist primarily of concrete sidewalks. In the campus core and the student services area, walkways are broader and are often associated with pedestrian plazas and special pavings comprised primarily of scored concrete and concrete paver blocks. The campus core and student services areas are linked to the parking areas, dormitories, athletic and support facilities by typical five (5) foot wide concrete sidewalks. There is no separation of facilities for bicycles. Existing bicycle racks on campus are located at the Student Services Center, FAMU Village, Gibbs Hall, Paddyfote, the School of Journalism building and one out front of Coleman Library. Despite the presence of an extensive sidewalk network, circulation and way-finding on the Main Campus is in need of enhancement in order to provide direct and discernible pedestrian circulation routes.

As the City's priority in achieving a multi-modal transportation system advances, the planning for secure and central parking areas for bicycle commuters in the primary University land uses including housing, student services, academic and athletic areas, is necessary. Bicycle facilities and usage should be further promoted through the designation of 'Shared Lane' markings and signs to indicate roadways are shared with cyclists.

Pedestrian linkages from existing campus activities to anticipated expansion should offer comfortable and convenient access to accommodate peak loads of pedestrian traffic. Specifically, FAMU should pursue the City to install recommended east-west sidewalk connections to the Main Campus from Adams Street and a bicycle route with sidewalks on both sides along Martin Luther King, Jr. Boulevard (both projects as indicated in their current Bicycle-Pedestrian Plan). An installation of a sidewalk on the south side of Osceola Street is desired for enhanced mobility, along with a need for additional bus shelters or benches at transit stops.

Table 1.3 Number of Vehicles to be Accommodated: 2015-2025, in 5-year increments, Main Campus

Users	Vehicle Occupancy Rate	2015	2020	2025
Students	1.96	4,237	4,672	5,319
Residential	1.96	607	668	735
Commuter	1.96	3,629	4,004	4,419
Employees	1.48	880	970	1,068
TOTAL No. of Vehicles		5,117	5,642	6,207

Sources: FAMU Housing Department, 2015; calculations by Wood+Partners, Inc., 2015

ELEMENT 14 - CAPITAL IMPROVEMENTS ELEMENT

FAMU relies heavily on the timing and receipt of funds generated from PECO and CITF. These funds are administered by SUS and therefore require that planned improvements be funded and consistent with state approval and timing, particularly as they relate to the use of PECO Funds. The University does maintain more flexibility in funding housing and parking area improvements since these are typically funded through the commitment of rental rates and parking fees towards debt service requirements. The timing of these improvements is, however, guided by the demand for such facilities since their efficient

utilization is needed to pay for these improvements. Table 1.4 identifies a partial listing of those facilities, currently set forth in the Five-year Capital Improvement Plan (CIP), necessary to fulfill the mission of the University and its projected student enrollment.

Table 1.4 Five-Year Capital Improvement Plan and Legislative Budget Request Period 2018-23

Priority No.	Project	2018-19	2019-20	2020-21	2021-22	2022-23
PECO ELIGIBLE PROJECT REQUESTS						
1	Student Affairs Building / CASS	\$21,473,149	\$3,100,000	\$0	\$0	\$0
2	Infrastructure-Central Plant Improvements	\$4,850,000	\$4,400,000	\$7,850,000	\$0	\$0
3	Classroom Technology / Distance Learning Upgrade / New	\$10,671,100	\$87,500	\$0	\$0	\$0
4	FAMU / FSU College of Engineering Phase III	\$15,200,000	\$66,000,000	\$5,800,000	\$0	\$0
5	Interdisciplinary Research Buildout	\$13,968,122	\$0	\$0	\$0	\$0
6	Stem Teaching Lab / Dyson Building Re-Purpose (Remodel)	\$0	\$4,953,500	\$11,202,200	\$2,650,000	\$0
7	Army ROTC / Howard Hall Re-Purpose (Remodel)	\$0	\$674,758	\$6,880,974	\$518,640	\$0
8	Foote - Hilyer Ground and 1 st Floor Re-Purpose (Remodel)	\$0	\$5,053,500	\$17,360,700	\$0	\$0
9	Navy ROTC / Perry-Paige Re Purpose (Remodel) / Addition	\$0	\$2,442,439	\$24,689,405	\$1,620,000	\$0
10	Computer Information Systems Building	\$0	\$3,177,000	\$47,372,400	\$2,725,362	\$0
11	Science Teaching Facility (STEM)	\$0	\$4,210,167	\$48,485,560	\$2,737,678	\$0
12	Social Sciences Building	\$0	\$2,026,000	\$28,115,951	\$1,337,080	\$0
13	Engineering Technology Building	\$0	\$1,417,200	\$21,819,904	\$1,650,000	\$0
14	General Classroom Phase II	\$0	\$0	\$2,872,401	\$34,135,427	\$1,432,627

15	Land Acquisitions	\$0	\$6,500,000	\$4,500,000	4,500,000	\$0
CITF PROJECT REQUESTS						
1	Student Union	\$2,200,000	\$23,800,000	\$3,100,000	\$0	\$0
REQUESTS FROM NON-STATE SOURCES, INCLUDING DEBT						
1	P3 Housing – Pentaplex and Town Center	\$22,580,547	\$22,580,547	\$22,580,547	\$22,580,547	\$0
2	P3 - Retail	\$2,151,227	\$2,151,227	\$2,151,227	\$0	\$0
3	P3 – Parking Garage and Surface Parking	\$10,609,715	\$10,609,715	\$10,609,715	\$0	\$0
4	Food Service Building	\$960,000	\$12,000,000	\$2,040,000	\$0	\$0
5	P3 – Stadium and Athletic Fields	\$22,679,862	\$22,679,862	\$22,679,862	\$0	\$0
6	Tallahassee Biological Control (Entomology Facility)	\$1,617,500	\$23,126,882	\$518,640	\$0	\$0

Source: FAMU, Capital Improvement Plan 2017-18 through 2021-22, May 2016. *Conjunction in request with similar request from Florida State University

4.0 Future Land Use Element

PURPOSE

The purpose of this element is to describe the existing and future land use pattern to be developed on the University and to address how this land use pattern will be coordinated with that planned by the host community in areas adjacent to the University property.

(1) DATA REQUIREMENTS. This element shall be based on the following data:

a) A description of the location(s) of University facilities within the State.

The Florida Agricultural and Mechanical University (FAMU) lies within the Tallahassee Hills and the Apalachicola Coastal Lowlands of Leon County and the urban development area of the City of Tallahassee in the Florida panhandle. FAMU is a 411.5-acre site in the north central part of the State of Florida (see Figure 4.2A: Host Community Map located at the end of this element).

b) A description of the location of University facilities within the host community including an identification of all facilities on University lands not under the jurisdiction or operation of the State University System (SUS).

The host community for FAMU is the City of Tallahassee. FAMU is located in the southwest region of Tallahassee and is situated on one of the higher areas of the Tallahassee Hills (see Figure 4.1A: State of Florida – FAMU Location Map and 4.2A: Host Community Map).

c) Student enrollment projections as prescribed in the General Requirements section of this Guideline.

Table 4.1 Anticipated Total Student Headcount Projections

	Fall 2016 enrollment	2020-2021
Total Headcount	9,614	11,458

Source: FAMU, 2017 University Work Plan

d) A legal description of the property within the University's jurisdiction and a description of the land acquisition program under which the property was obtained.

Main Campus:

Begin at a point of intersection of the extend south boundary line of Eugenia Street and the east boundary line of Wahnish Way (formerly Railroad Avenue) said point being thirty (30) feet south of and thirty (30) feet east of the northeast corner of the southwest quarter of the northwest quarter (SW1/4 of NW1/4) of Section 1, Township-1-South, Range-1-West, thence run north along said east boundary line of Wahnish Way four hundred and seventy-five (475) feet plus or minus, to the intersection of the south boundary line of Canal Street, thence run

in a southeasterly and easterly direction along said south boundary line of Canal Street one thousand, two hundred and eighty-five (1,285) feet plus or minus to the west boundary line of Martin Luther King, Jr. Boulevard (formerly South Boulevard), thence run south along said west boundary line of Martin Luther King, Jr. Boulevard one thousand, two hundred and three (1,203) feet plus or minus, thence run east three hundred and sixty-three (363) feet plus or minus to the west boundary line of Bronough Street, thence run south along said west boundary line of Bronough Street four hundred and eighty (480) feet plus or minus to the south boundary line of Adams Street one thousand, two hundred and eighty (1,280) feet plus or minus to the north boundary line of Barbourville Drive, thence run along said north boundary line of Barbourville Drive N.80°W-142.28 feet, thence run north 239.9 feet, thence run N88°30'W-210.7 feet, thence run N.14°14'E-26.8 feet, thence run N88°37'W-218.5 feet, thence run north 187.4 feet, thence run west 555.05 feet to the aforementioned west boundary line of Martin Luther King, Jr. Boulevard, thence run south along said west boundary line of Martin Luther King, Jr. Boulevard eight hundred and ninety (890) feet plus or minus to a point where said Martin Luther King, Jr. Boulevard widens, thence run west five (5) feet, thence continue south along said west boundary line of Martin Luther King, Jr. Boulevard fifty (50) feet plus or minus, thence run west one hundred and sixty (160) feet plus or minus, thence run south one hundred and twenty (120) feet plus or minus to the north boundary line of Osceola Street, then run west along said north boundary line of Osceola Street four hundred and ten (410) feet plus or minus, thence run south one hundred and ninety (190) feet plus or minus, then run east three hundred and thirteen (313) feet plus or minus, thence run south fifty-nine (59) feet plus or minus, then run east 315.5 feet plus or minus to the aforementioned west boundary line of Martin Luther King, Jr. Boulevard, thence run south along said west boundary line of Martin Luther King, Jr. Boulevard four hundred and fifty-one (451) feet plus or minus to a point on the south boundary line of aforementioned Section 1, T-1-S; R-1-W (same line being the north boundary line of Section 12, T-1-S; R-1-W), thence run east along said section line one thousand and ninety-five (1,095) feet plus or minus to the aforementioned west boundary line of Adams Street, thence run southerly along said west boundary line of Adams Street two thousand, six hundred and forty (2,640) feet plus or minus to the north boundary line of Orange Avenue, thence run west along said north boundary line of Orange Avenue nine hundred (900) feet plus or minus, thence run south three hundred and fifty (350) feet plus or minus, thence run east one hundred and sixty-five (165) feet plus or minus to a point on the east boundary line of the northeast quarter of the southwest quarter (NE1/4 of SW1/4) of aforementioned Section 12, T-1-S; R-1-W, thence run south along said boundary line of the NE1/4 of SW1/4 of Section 12, five hundred and ten (510) feet plus or minus, thence run west nine hundred and seventy-nine (979) feet, thence run north two hundred and fifty (250) feet to a point on a drainage ditch, thence run northwesterly along said ditch three hundred and forty-five (345) feet plus or minus to the aforementioned east boundary line of Wahnish Way, thence run north along said east boundary of Wahnish Way one hundred and eighty-three (183) feet plus or minus, thence run east three hundred and fifty (350) feet plus or minus, thence run north three hundred and ninety-five (395) feet plus or minus to the aforementioned north boundary of Orange Avenue, then run west along said north boundary line of Orange Avenue three hundred and fifty (350) feet plus or minus, to the aforementioned east boundary line of Wahnish Way, thence run north along said east boundary line of Wahnish Way one thousand, four hundred and fifty (1,450) feet plus or minus, thence run west one thousand, three hundred and fifty-five (1,355) feet plus or minus to the west boundary line of aforementioned section to the northwest corner of Section 12, T-1-S; R-1-W, thence run north along said

west boundary line of Section 12, one thousand, one hundred and sixty (1,160) feet plus or minus to the northwest corner of said Section 12, thence run east along the north boundary of said Section 12 (same line being south boundary line of aforementioned Section 1) one thousand, three hundred and ninety-five (1,395) feet plus or minus to the said east boundary of Wahnish Way, thence run north along said east boundary of Wahnish Way six hundred and fifty-eight (658) feet plus or minus to the south boundary line of aforementioned Osceola Street, thence run west along said south boundary line of Osceola Street twenty-five (25) feet, thence run north along said east boundary line of Wahnish Way six hundred and sixty-seven (667) feet plus or minus to the extended north boundary line of Okaloosa Street, thence run west along said south boundary line of Osceola Street twenty-five (25) feet, thence north along said east boundary line of Wahnish Way six hundred and sixty-seven (667) feet plus or minus to the extended north boundary line of Okaloosa Street, thence run west along said north boundary line of Okaloosa Street one thousand and thirty-five (1,035) feet plus or minus to the east boundary line of Perry Street, thence run northerly along said east boundary line of Perry Street two thousand, six hundred and ten (2,610) feet plus or minus to the aforementioned south boundary line of Eugenia Street, thence run east along said north boundary line of Eugenia Street one thousand and ninety (1,090) feet plus or minus to the point of beginning less and except all rights-of-way for streets, roads and easements.

e) Discussion of title interest held by the Board of Trustees of the Internal Improvements Trust Fund (including reservations and encumbrances such as leases).

The Board of Trustees of the Internal Improvement Trust Fund holds title to the lands being utilized by FAMU. These lands and their associated improvements are presently being leased to the University for a term of 99 years. This arrangement will expire in the year 2073. No major reservations or encumbrances to this property are known to exist at this time.

f) Designated single-use or multiple-use management, as defined in Chapter 18-4.003, Florida Administrative code, for the property.

FAMU is designated for single use management as a University within the Florida Board of Governors. This use has existed since October 3, 1891.

g) A description of alternative (non-educational) uses of the leased premises considered by the University but never adopted, if appropriate.

No such uses have been considered or adopted.

h) Proximity of University property to other significant local, state or federal land or water resources, as identified in adopted plans.

The only public property adjacent to the FAMU campus is the Walker-Ford Community Center and pool, which is managed by the City of Tallahassee Parks and Recreation Department. City of Tallahassee, Leon County and the State of Florida Capital facilities are located in proximity to FAMU. However, neither falls in the context area defined by this plan. No water resources are proximate to FAMU including any major lakes or rivers.

i) A statement as to whether the University property is within an aquatic preserve or a designated area of critical state concern or an area under study for such designation.

FAMU is not an aquatic preserve nor does the University fall within a designated area of critical state concern. These conditions are not anticipated to change.

j) A description of existing land uses and zoning for the context area. Land use categories shall be identified on the existing land use map or map series and described in accordance with categories adopted by the local government in their Comprehensive Plan.

Figures 4.3A-B: Existing Context Area Land Use and Zoning Map, located at the end of the element, depicts the existing land uses and zoning districts as described below. The northwestern corner of the FAMU property along Eugenia Street is adjacent to a University Transition (UT) district consisting mostly of single and multi-family residential. The northern boundary along FAMU Way is a Central Core (CC) district. The northeastern boundary along Martin Luther King, Jr. Boulevard and the northern boundary along Palmer Avenue is adjacent to a Central Urban (CU) district.

The eastern boundary of University property along Adams Street is adjacent to a Central Urban (CU) district from FAMU Way to Orange Avenue. The area between Barbourville Drive and Palmetto Street is designated as Residential Preservation (RP). The southeastern tip of the University property is adjacent to a United States Post Office at the southwest intersection of Adams Street and Orange Avenue. The southwestern most parcel of the FAMU property south of Orange Avenue (S.R. 373) is adjacent to Residential Preservation (RP) land use. The southwestern boundary of University property along Wahnish Way is adjacent to a Residential Preservation (RP) district, with the exception of a minor parcel at the northwest intersection of Orange Avenue and Wahnish Way, which is Urban Pedestrian (UP). The University property extending west of Wahnish Way and 330' north of Gore Street and north to Campbell Street is adjacent to a Central Urban (CU) district, which includes the Walker-Ford City Recreation Area to the west. The central portion of the western boundary of University property along Wahnish Way north of Campbell Street and south of Okaloosa Street is designated as Central Urban (CU). The northwestern most parcel of University property extending west of Wahnish Way, north of Okaloosa Street, west to Perry Street and south of Eugenia Street is also designated as CU.

k) The following generalized land uses on University property shall be shown on the existing land use map or map series:

1. Academic Use
2. Support Use
3. Residential Use
4. Recreational and Open Space Uses
5. Utilities Use
6. Parking Use
7. Vacant or Undeveloped Land
8. Research Use
9. Conservation Areas; and
10. Other Public Facilities

Figures 4.4A-B: Existing Campus Land Use Map, located at the end of the element, depicts the generalized existing land uses with the boundaries of the FAMU Main campus.

l) If the University determines it necessary to utilize other categories of land use, or to combine categories of land use, such categories or combinations of categories shall be shown on the existing land use map or map series and clearly identified in the legend.

The categories utilized for this Campus Master Plan Update deviate only slightly from those previously discussed and are clearly identified in the legend.

m) The approximate acreage and general range of density or intensity of use shall be provided in tabular form for the gross land area included in each existing land use category.

Densities and intensities of use were obtained from a general evaluation of existing conditions on the FAMU campus. The current densities and intensities by use are depicted in Table 4.2. If FAMU intends to expand its current boundary, the acreage of the land use zones and maximum intensities and densities will be identified in the Final Master Plan - 4.0 Land Use Element.

Table 4.2 Land Use Zones/Maximum Intensities and Densities for Development

LAND USE ZONE	ACREAGE¹	INTENSITY²	DENSITY⁴
Academic	77.0	0.80	1.50 FAR ⁴
Agricultural	11.0	0.10	.25 FAR
Community Interface	0.0	NA	NA
Conservation	47.0	0.00	0.00
Housing	29.0	0.70	60 Bed Spaces
Parking (P)	2.0	0.80	125 Spaces ⁶ (P)
Parking (S)	80.0	0.80	NA
Recreation/Athletics/Open Space	128.0	NA	NA
Support Facilities	38.0	0.80 ³	1.25 FAR ⁵

Source: Wood+Partners, Inc. 2017

¹ Acreage totals do not include miscellaneous lands such as sidewalks, service areas, roads etc.

² Represents the maximum percentage, per acre, of allowed impervious improvements.

³ Not applicable to required utility/infrastructure improvements.

⁴ Represents the maximum density (by unit) per acre allowed to be developed within each land use. Per level thresholds apply to housing and parking garage.

⁵ FAR = Floor Area Ratio, including multilevel construction not to exceed fifty (50) feet in height.

⁶ At a minimum, these spaces shall be not less than approximately nine (9) by eighteen (18) feet in size. (P) = Parking Garage, (S) = Surface Parking.

NA = Not applicable to the land use category.

n) The following natural resources shall be shown on the existing land use map or map series:

1. Beaches and shores
2. Surface waters
3. Wetlands
4. Native vegetative areas
5. Minerals and soils

Figures 4.5A-B Existing Campus Soils and Wetlands Map, located at the end of the element, depicts these natural resources within the boundaries of the FAMU Main and branch campuses.

o) Historic and archaeological resources (including all sites listed in the Florida Site File of the National Register of Historic Places) shall be shown on the existing land use map or map series.

The Black Archives at Carnegie Library is recognized as a historic structure by FAMU and is on file with the National Register of Historic Places. In addition, the FAMU original campus, 16 buildings along Martin Luther King Boulevard, generally bound by S. Adams Street and Wahnish Way, are also on the National Register of Historic Places. The Black Archives, although registered separately, is within this district.

(2) ANALYSIS REQUIREMENTS. This element shall be based upon the following analyses which support the campus Master Plan:

a) An analysis of the amount of land that will be required to accommodate the projected future enrollment of the University, including:

Current estimates indicate a student population close to 11,500 by SY 2020/2021. This enrollment growth may require additional academic program needs and additional housing facilities, which ultimately will necessitate improvement and additions to the academic and support facility inventories at FAMU. These needs are further discussed below.

1. The categories of land use and their densities or intensities of use.

At this time it is not anticipated that additional land will be required to the support the estimated student population, academic, support, and housing facilities. The University shall continue to evaluate its need for additional land throughout the planning period.

2. The estimated gross acreage for each category.

Table 4.3 Estimated Gross Acreage

LAND USE ZONE	GROSS ACREAGE
Main Campus	
Academic	58.0 Acres
Agricultural	11.0 Acres
Community Interface	5.0 Acres
Conservation	43.0 Acres
Housing	34.0 Acres
Parking	71.0 Acres
Recreation/Athletics/Open Space	153.0 Acres
Support Facilities	46.0 Acres

Source: Wood+Partners, Inc. 2017

3. A description of the methodology used.

The methodology should be based on floor area ratio (F.A.R.) or other acceptable means of establishing the relationship between land requirements and building areas.

Land requirements in relationship to building sizes only apply to those uses needed for academic buildings.

b) An analysis of projected future space and building needs for academic facilities, developed in the "Analysis Requirements" of the Academic Facilities Element:

See Table 4.4 for an analysis of projected future space and building needs for academic facilities.

Table 4.4 Future Building Requirements for Academic Space Types

	Classroom	Teaching Lab	Study	Research Lab	Total NASF
Space Needs by Space Type 2019-2020	102,348	127,935	161,795	219,195	611,273
Current Inventory as of June 2014					
A) Satisfactory Space	115,391	205,904	115,363	36,099	472,757
B) Unsatisfactory Space to be Remodeled	1,294	7,672	0	6,806	15,772
C) Unsatisfactory Space to be Demolished/Terminated	12,689	11,497	0	20,262	44,448
D) Total Under Construction	4,500	0	14,000	10,000	38,760
Total Current Inventory	133,874	225,073	129,636	73,167	561,477
Projects Funded for Construction thru June 2014					
Total Funded Construction	0	0	0	0	0
Total Planned Demolition	12,689	11,497	0	20,262	44,448
Net Space Needs	-18,837	-85,641	32,432	166,290	94,244

Source: FAMU Needs Assessment, Analysis of Space Needs by Category – Form B, 2014

c) An analysis of projected future space and building needs for support facilities, developed in the "Analysis Requirements" of the Support Facilities Element.

See Table 4.5 for an analysis of projected future space and building needs for support facilities.

Table 4.5 Future Building Requirements for Support Space Types

	Office	Audit/ Exhibit	Instruct. Media	Student Support	Gym	Support Serv	Total NASF
Space Needs by Space Type 2015-16	312,136	25,587	17,058	0	61,579	51,382	909,264
Current Inventory as of June 2014							
A) Satisfactory Space	238,943	12,020	3,625	0	44,851	43,577	343,016
B) Unsatisfactory Space to be Remodeled	36,516	0	0	0	0	8,160	44,676
C) Unsatisfactory Space to be Demolished/ Terminated	44,757	0	2,637	0	0	1,228	48,622
D) Total Under Construction	12,000	0	1,500	760	0	8,000	22,260
Total Current Inventory	332,216	12,020	7,762	760	44,851	60,965	458,574
Projects Funded for Construction thru June 2014							
Total Funded Construction	0	0	0	0	0	0	0
Total Planned Demolition	44,757	0	2,637	0	0	1,228	48,622
Net Space Needs	24,677	13,567	11,933	-760	16,728	-8,335	57,810

Source: FAMU Needs Assessment, Analysis of Space Needs by Category – Form B, 2014

d) An analysis of existing vacant and undeveloped land on the University campus to determine its suitability for use, including where available:

FAMU lands considered vacant and appropriate for development are contained along the south portion of the campus. Although infill and densification can occur in the north section of the campus, no detriments are known to exist in this area. Therefore, this discussion will only focus on the southern portion of the existing FAMU campus boundary.

1. Gross vacant or undeveloped land area:

Approximately 139 acres currently exist in Recreation, Open space, and Agricultural land. Of those 139 acres, 62 acres are vacant or undeveloped open space and /or agricultural areas available for development. However these areas are utilized to meet Level of Service Standards for on-campus Recreation and Open Space. The Agricultural area serves as a critical community asset in the form of a community garden. Conservation areas are not included in this acreage.

2. Soils:

Soil conditions would have to be explored in more detail to determine the viability for development. A comprehensive soil study is recommended as a condition of these areas considered for development. Campus area-wide soil conditions are discussed in 13.0 Conservation Element.

3. Topography:

The gently rolling topography in the southern portion of campus will offer unique design opportunities. Lands to the west and east are relatively flat creating minimum development constraints.

4. Natural resources:

The southern portion of campus is bounded by wooded areas and wetlands. No development proposed for this portion of campus will encroach into these areas. Any stormwater retention ponds planned for this area will work with the natural resources, enhancing these natural resources. No other natural resources are known to exist on other areas planned for development. Tree surveys will be undertaken to provide an opportunity to incorporate significant vegetation into all design development alternatives.

5. Historic and archaeological resources:

No historic or archeological resources are known to exist in these areas at this time.

e) An analysis of opportunities for redevelopment and for elimination of uses that are inconsistent with the University's character and proposed future land uses.

Redevelopment through renovation to existing structures is seen as a viable alternative to meeting FAMU's projected space needs. All new development planned for the campus will be consistent with existing land uses proposed by this master plan.

f) A finding as to whether each planned use of University property is consistent with the adopted conceptual State Lands Management Plan.

No determination has been made by FAMU. However, the plan is considered to be consistent with the State Lands Management Plan.

g) If the analysis in 2 a) through e) indicate that the existing University campus will not provide sufficient capacity to accommodate the future needs of the University, an analysis shall be undertaken identifying how much additional land would be required to meet future needs including:

1. The categories of land use and their densities or intensities of use;
2. The estimated gross acreage for each category; and
3. A description of the methodology used. The methodology should be based on (F.A.R.) or other acceptable means of establishing the relationship between land requirements and building areas.

The analysis in 2 a) through e) indicates no need for additional capacity to accommodate the future needs of the University.

h) An assessment as to whether any portion of the University property should be declared surplus for release by the University for use or disposal by the state.

No property held by the University should be declared surplus for release at this time. Future right-of-way requirements may allow FAMU to release such areas in cooperation with the host community in order to receive additional benefits or improvements on or near the campus. FAMU will continue to cooperate to the greatest extent possible in handling these matters with the host community, particularly as they relate to future transportation and infrastructure improvements.

i) In the event additional land is determined to be necessary for the future development of the University, an analysis of the context area shall be undertaken to identify potential land areas for such expansion. This analysis shall consider, at a minimum, the following:

1. Existing Land Use;
2. Property Values;
3. Constraints that may limit future development;
4. Future Proposed Land Use;
5. Building Conditions (if appropriate);
6. Property Ownership; and
7. Potential Acquisition and Relocation Costs.

Analysis in 2 a) through e) indicates no need for additional capacity to accommodate the future needs of the University.

j) In conjunction with the analysis conducted in 2 i), an analysis shall be undertaken identifying and evaluating alternatives to

additional land acquisition. At a minimum, this analysis should address:

1. Potentials for increasing development height, intensity or density on the campus:

At this time, FAMU does not envision a need to increase the existing development parameters.

2. Potentials for increasing the utilization of existing and future academic spaces to reduce future facility needs in order to fit within existing land resources:

FAMU will continue to practice its ability to remodel and retrofit existing buildings in lieu of proposing new structures when and where feasible. Space utilization is presently perceived as very low with room for more efficient utilization.

3. Potentials for reducing the planned future student enrollment:

FAMU does not plan to substantially reduce student enrollment over the course of this planning period.

4. Potentials for transfer of programs to existing University satellite sites:

There are no plans for transferring academic programs, other than continuing education, to satellite sites, however the transfer of research programs in the future is possible.

5. Transfer of programs to other existing institutions (community colleges, etc.) which may have excess land development capacity:

There are no plans for transferring academic programs.

k) An analysis of constraints that may limit the amount or location of future land use development on the University campus, including:

1. Areas of vegetation, surface waters, wetlands, or wildlife habitat protected by State or Federal regulations:

These issues and areas are discussed at length in 13.0 Conservation Element of the 2010-2020 Master Plan Update and remain the same in this update.

2. Areas encumbered by Federal land use development restrictions related to airports or other federally regulated facilities in the vicinity of the University:

No such encumbrances are known to exist.

3. Areas encumbered by flood hazard areas as defined by the Federal Emergency Management Agency:

These issues and areas are discussed at length in 13.0 Conservation Element of the 2010-2020 Master Plan Update and remain the same in this update.

4. Areas encumbered by stormwater management or other utility requirements or easements:

These issues and areas are discussed at length in 9.0 General Infrastructure Element of this update and 10.0 Utilities Element of the 2010-2020 Master Plan Update and remain the same in this update.

5. Areas on the University campus identified by the host community in its comprehensive plan to be developed for a particular land use or uses:

The campus is designated as an Institutional land use. This use is not anticipated to change and would require a land use amendment by the host community.

6. Areas encumbered by electromagnetic radiation, nuclear radiation, explosion or other catastrophic hazards:

No such encumbrances are known to exist.

7. Areas encumbered by existing buildings or other facilities considered likely to remain for the planning period:

No such encumbrances are known to exist.

l) An analysis of off-campus constraints that may limit the amount or location of future land use development on the University campus, including:

1. The availability of public facilities and services to serve new development (electricity, potable water, sanitary sewer, stormwater management, etc.):

Public facilities, primarily infrastructure and utility requirements, are anticipated to be provided for by the host community as they are now.

2. Traffic capacity on roadways within the context area. Traffic counts and origin/destination studies will be used to generate data:

Transportation needs are discussed in greater detail with 11.0 Transportation Element. Traffic capacity level-of-service standards for roadways within the context area have already been established by the host community. FAMU will similarly establish a level-of-service standard for roadways within the campus perimeter.

3. Other constraints:

No constraints other than those imposed by Florida Statute or those to be negotiated in future Interlocal Agreements or Memorandum of Understanding with the host community are known to exist.

m) An analysis of the goals, objectives and policies adopted by the host community in their comprehensive plan related to development of land uses in the context area.

Goal 1:

The Comprehensive Plan shall protect and enhance the quality of life in this community by providing economically sound educational, employment, cultural, recreational, commercial, industrial and professional opportunities to its citizens while channeling inevitable growth into locations and activities that protect the natural and aesthetic environments and residential neighborhoods.

Goal 2:

Provide for a high quality of life by planning for population growth, public and private development and redevelopment and the proper distribution, location and extent of land uses by type, density and intensity, consistent with adequate levels of service and efficient use of facilities and the protection of natural resources and residential neighborhoods.

Goal 3:

Tallahassee-Leon County should continue to grow with an emphasis on selected growth that pays for itself through the provision of well paid jobs and economic leverage factors which enhance the quality of life of the community.

Objective 1.1:

Direct development to those areas which have in place, or have agreements to provide, the land and water resources, fiscal abilities and the service capacity to accommodate growth in an environmentally acceptable manner.

Policy 1.1.2:

Improvement of capital infrastructure shall be provided within the designated urban service area and shall be phased over the life of the plan.

Policy 1.1.7:

Higher density and mixed use development and its ancillary activities shall be channeled into locations which have proper access to the existing transportation system; minimal environmental constraints; sufficient stormwater treatment capacity; compatible existing land use and readily available sewer and water infrastructure.

Policy 1.1.8:

Compliance with the 13.0 Conservation Element shall be met prior to consideration of requirements in the Land Use Element.

Objective 1.2:

Coordinate the location of land uses with local soil conditions, topography, and aquifer vulnerability as well as available services.

Policy 1.2.1:

Emphasize land use location that minimizes topographical changes. The proposed land use should fit the site location. The location should not be substantially altered to fit the proposed land use.

Policy 1.2.2:

The type, intensity and structural design of any development proposed for a site shall be appropriate to the existing natural topography. Site alterations will be limited to the absolute minimum necessary to develop a site safely. Design criteria in the land development regulations will emphasize site designs that fit the topography, not changing the topography to fit the design. Minimum grade changes typically associated with site development include those necessary for the safety of a building including parking, road right-of-way, handicapped access or utilities. Criteria for approval of development in areas with significant and severe grades will be limited to the type of land use that requires the least disturbance of sloped areas.

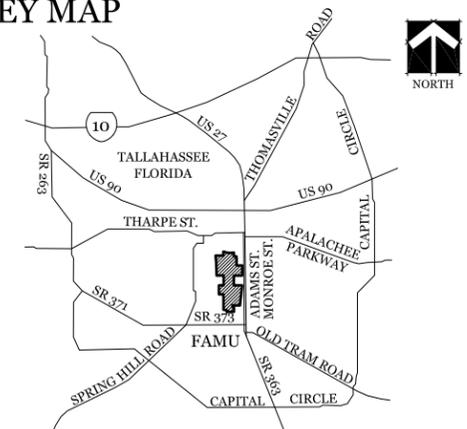
Objective 5.1:

Coordinate the future plans of state government, school board, the institutions of higher learning and other applicable entities with this Comprehensive Plan.

STATE OF FLORIDA - FAMU LOCATION MAP

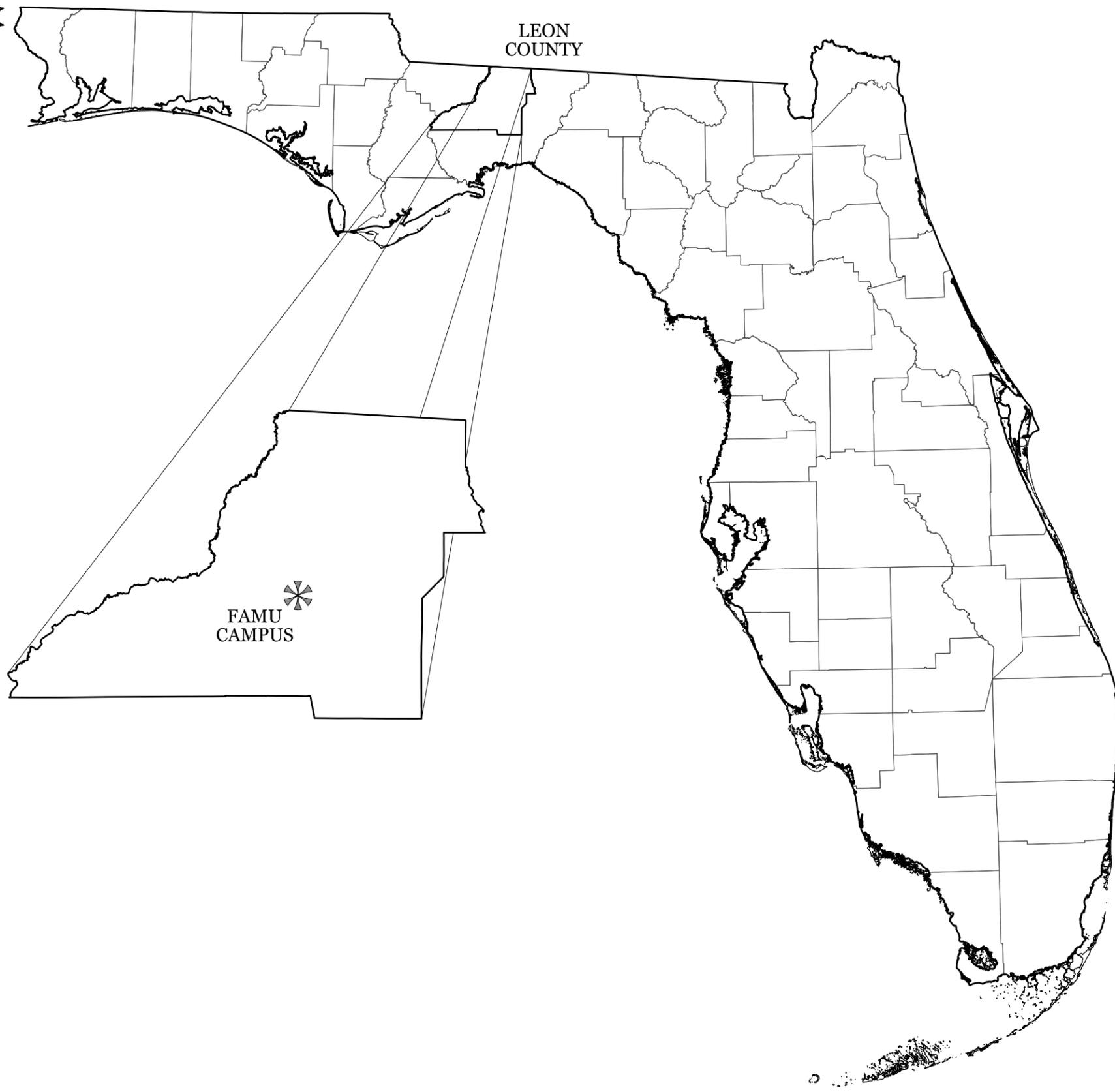
 FAMU CAMPUS

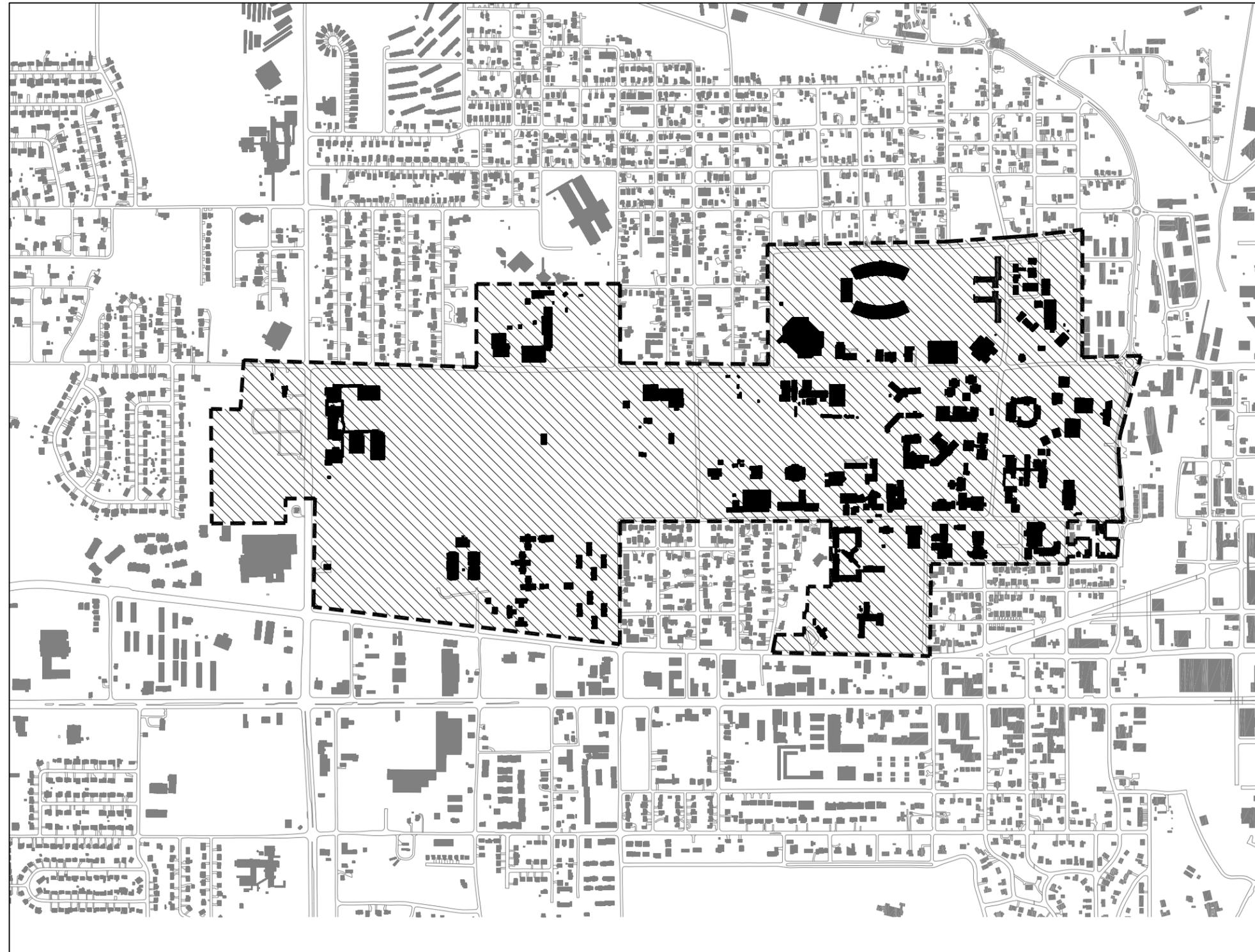
KEY MAP



2015-2025 MASTER PLAN
INVENTORY & ANALYSIS
**FLORIDA A&M
UNIVERSITY**
TALLAHASSEE, FLORIDA

DATE: JANUARY 2018



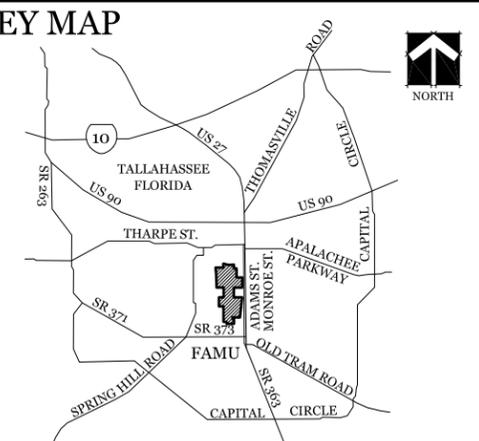


HOST COMMUNITY MAP

LEGEND:

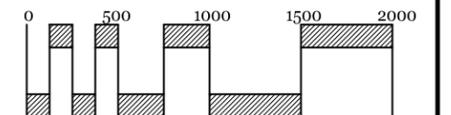
- EXISTING CAMPUS
- DEVELOPMENT

KEY MAP



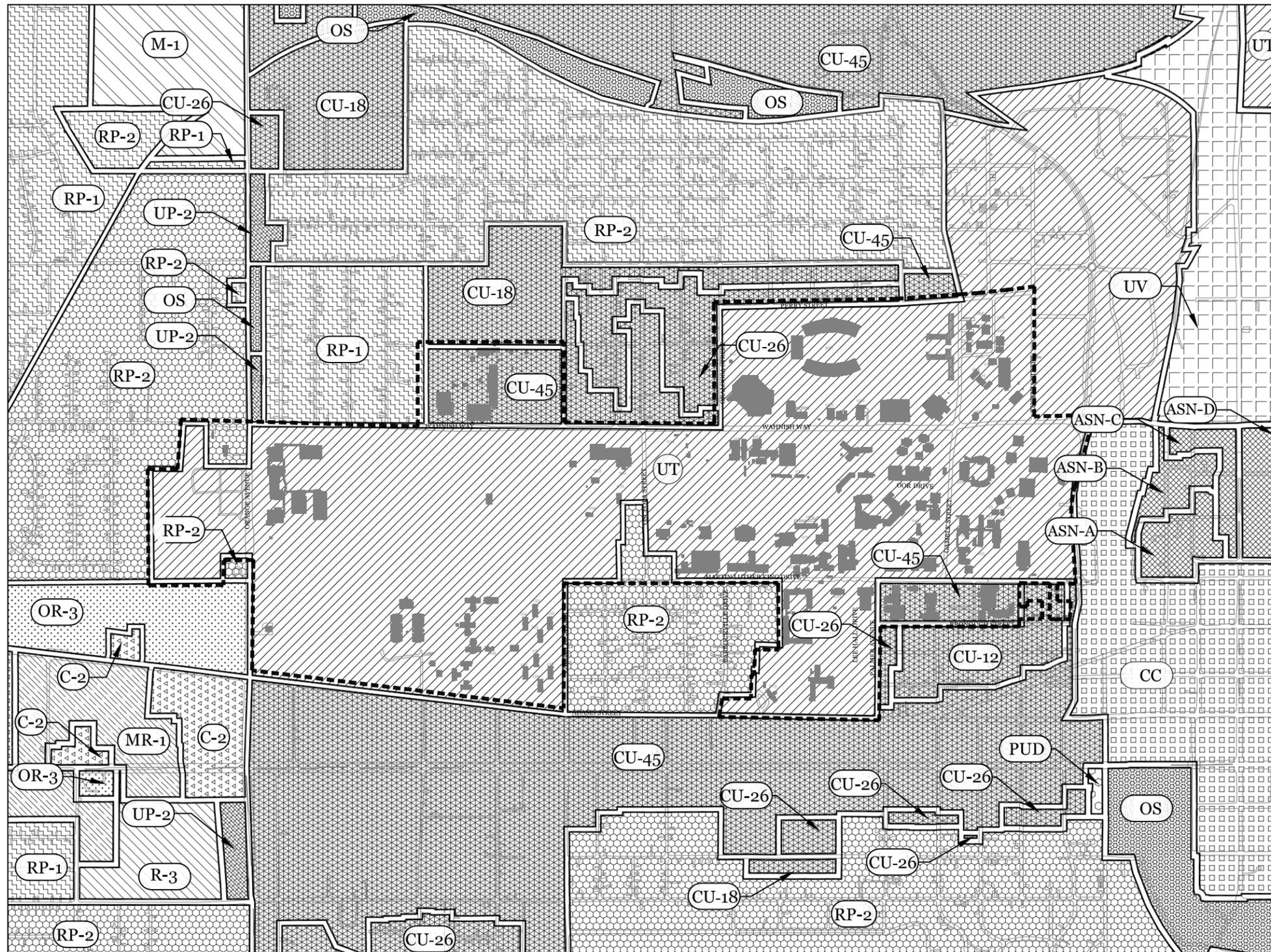
2015-2025 MASTER PLAN
INVENTORY & ANALYSIS
**FLORIDA A&M
UNIVERSITY**
TALLAHASSEE, FLORIDA

DATE: JANUARY 2018





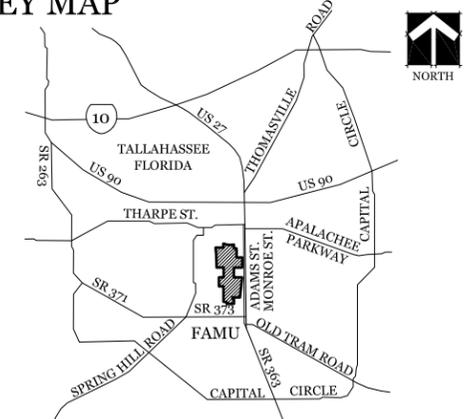
EXISTING CONTEXT AREA LAND USE AND ZONING MAP



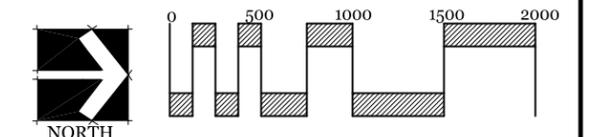
LEGEND:

- C-1-NEIGHBORHOOD COMMERCIAL
- C-2-GENERAL COMMERCIAL
- CU-CENTRAL URBAN
- CC-CENTRAL CORE DISTRICT
- RP-1-RESIDENTIAL PRESERVATION 1
- RP-2-RESIDENTIAL PRESERVATION 2
- UT-UNIVERSITY TRANSITION DISTRICT
- OR-3-OFFICE/RESIDENTIAL PRESERVATION
- UP-2-URBAN PEDESTRIAN
- OS-OPEN SPACE
- ASN-ALL SAINTS NEIGHBORHOOD-A,B,C,D
- M-1-LIGHT INDUSTRIAL
- MH-MANUFACTURED HOME PARK
- MR-1-MEDIUM DENSITY RESIDENTIAL
- R3-SINGLE FAMILY DETACHED, ATTACHED TWO FAMILY RESIDENTIAL
- UV-UNIVERSITY URBAN VILLAGE DISTRICT
- PUD-PLANNED UNIT DEVELOPMENT

KEY MAP

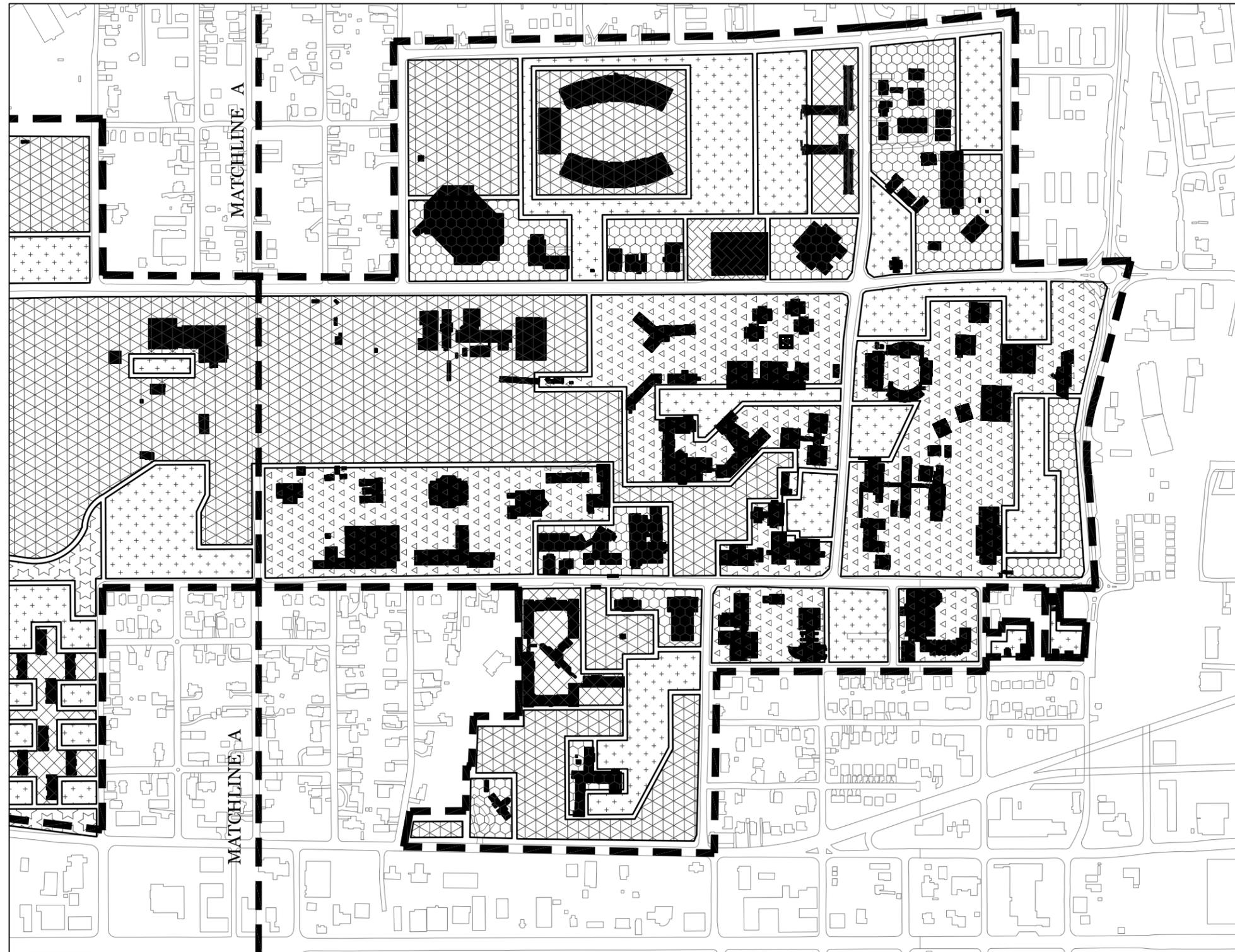


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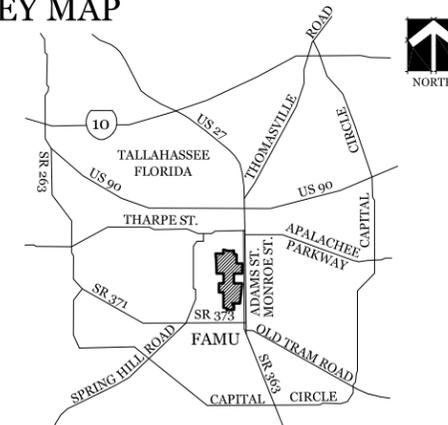
EXISTING CAMPUS LAND USE MAP (NORTH)



LEGEND:

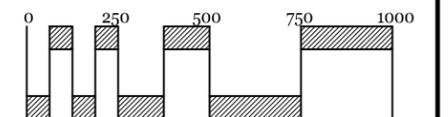
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- CONSERVATION
- COMMUNITY INTERFACE
- HOUSING
- SURFACE PARKING
- GARAGE PARKING
- RECREATION/ATHLETICS/
OPEN SPACE
- SUPPORT FACILITIES

KEY MAP



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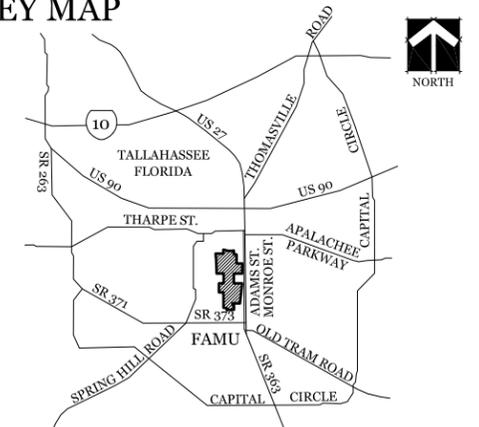


EXISTING CAMPUS LAND USE MAP (SOUTH)

LEGEND:

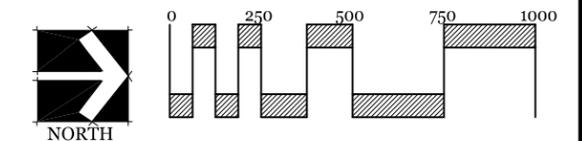
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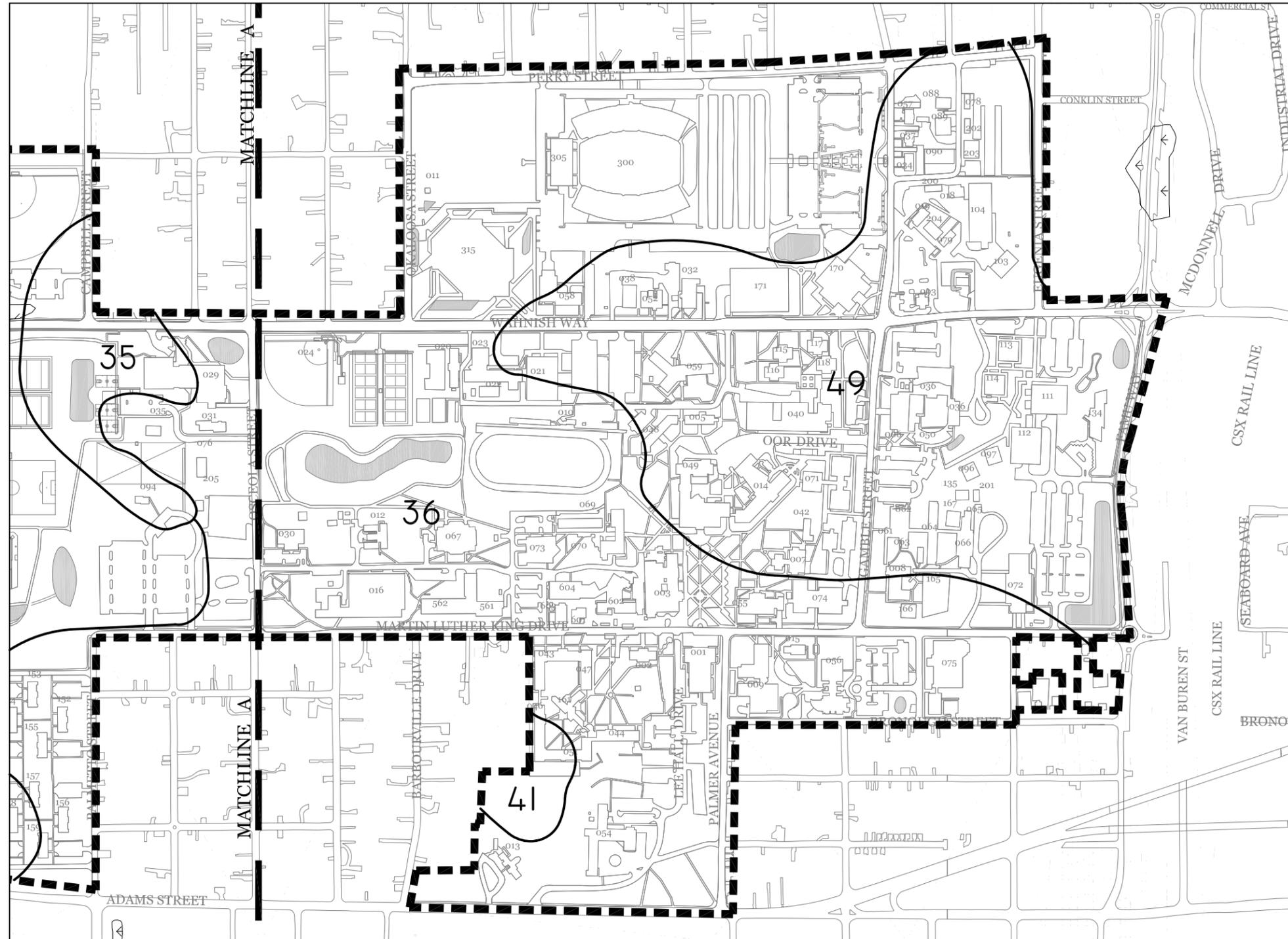
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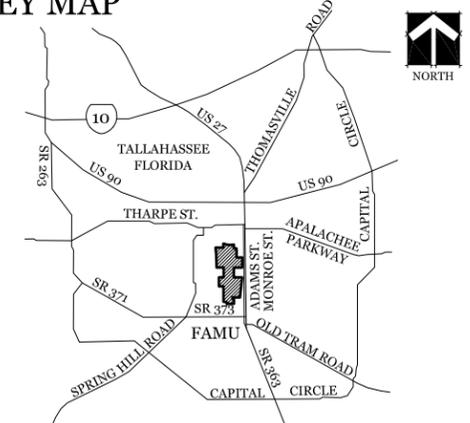
EXISTING CAMPUS SOIL AND WETLANDS MAP (NORTH)

LEGEND:

- 35 ORANGEBURG FINE SANDY LOAM, 8-12% SLOPES
- 36 ORANGEBURG-URBAN LAND COMPLEX, 2-12% SLOPES
- 41 PLUMMER FINE SAND
- 49 URBAN LAND
- [Hatched Box] WETLAND

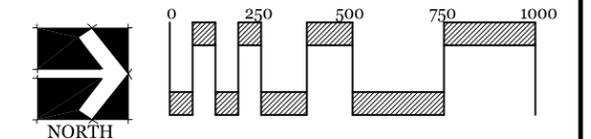
SOURCE: SOIL SURVEY STAFF, NATURAL RESOURCES CONSERVATION SERVICE, UNITED STATES DEPARTMENT OF AGRICULTURE. WEB SOIL SURVEY, AUGUST 8, 2017.

KEY MAP



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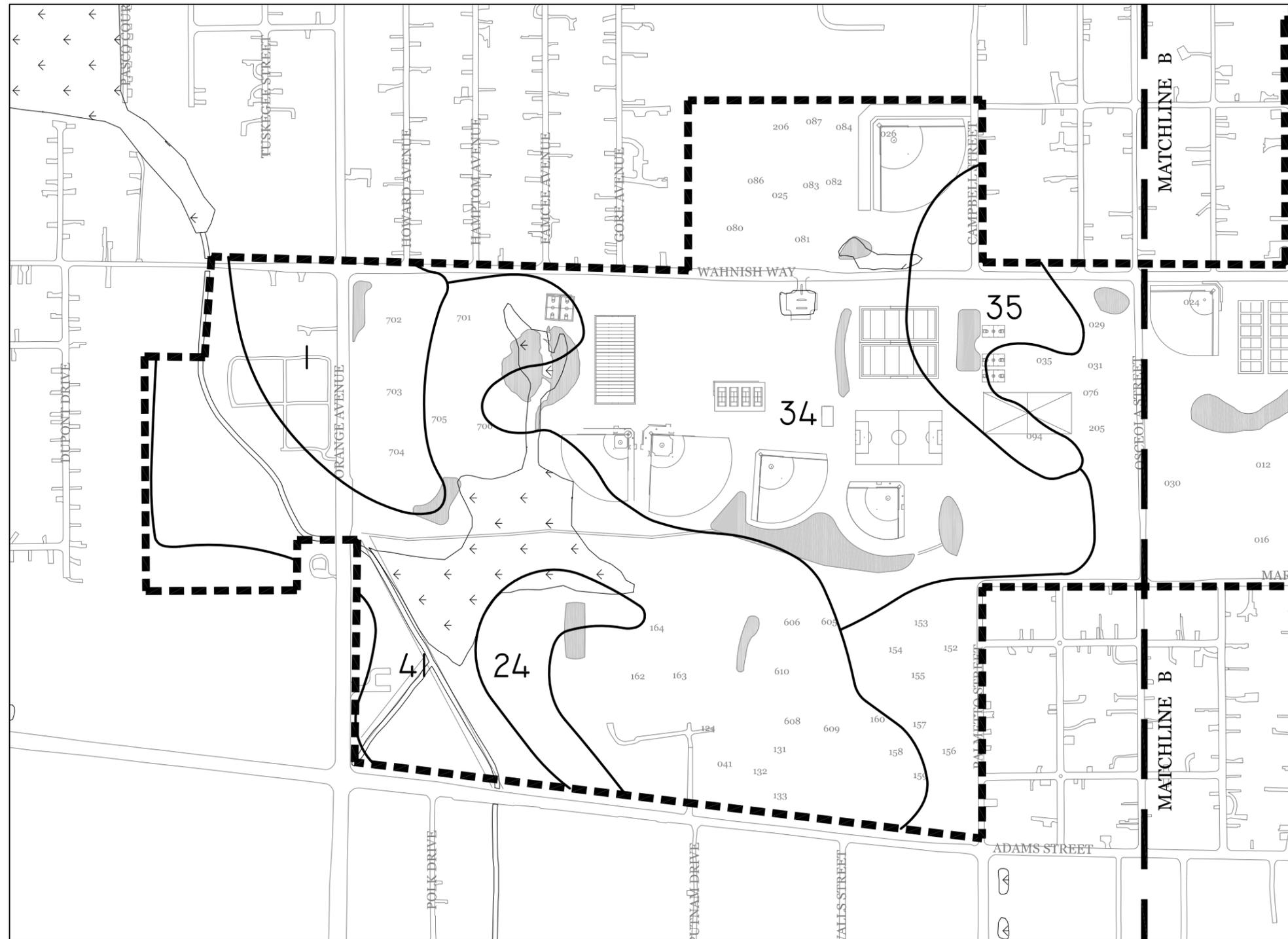
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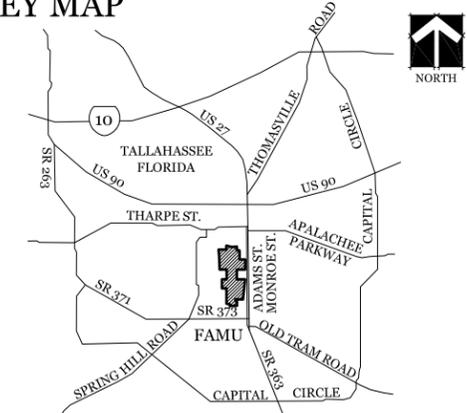
EXISTING CAMPUS SOIL AND WETLANDS MAP (SOUTH)

LEGEND:

- | ALBANY LOAMY SAND
- 24 LUCY FINE SAND, 0-5% SLOPES
- 34 ORANGEBURG FINE SANDY LOAM, 5-8 % SLOPES
- 35 ORANGEBURG FINE SANDY LOAM, 8-12% SLOPES
- 41 PLUMMER FINE SAND
- ← WETLAND

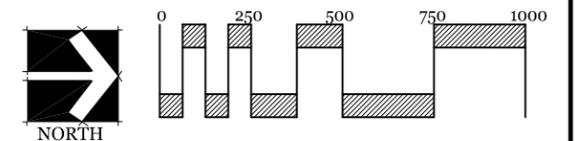
SOURCE: SOIL SURVEY STAFF, NATURAL RESOURCES CONSERVATION SERVICE, UNITED STATES DEPARTMENT OF AGRICULTURE. WEB SOIL SURVEY, AUGUST 8, 2017.

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7.0 Housing Element

PURPOSE

The purpose of this element is to ensure the provision of public and private housing facilities on the University campus and within the host community to adequately meet the needs of the projected University enrollment.

(1) DATA REQUIREMENTS. This element shall be based on the following data:

- a) **An inventory of the total number of existing beds provided by the University on campus for undergraduate student use, identifying, if appropriate, optimum and maximum capacities, distributed by building and location (satellite campuses or facilities).**

Table 7.1.1: Inventory of Existing Beds, Main Campus

Bldg. No(s).	Name of Residence	Year	Maximum Bed Capacity	FY 2015-16 Capacity
	<i>Traditional</i>			
0005	Young Hall (Female)	1929	79	79
0044	Truth Hall (Female)	1959	103	103
0048	Sampson Hall (Male)	1938	159	159
0059	Gibbs Hall (Male)	1955	302	302
0115	Paddyfote Complex "A" (Single) (Female)	1967	60	232
0116	Paddyfote Complex "B" (Single) (Female)	1967	56	
0117	Paddyfote Complex "C" (Single) (Female)	1967	56	
0118	Paddyfote Complex "D" (Single) (Female)	1967	60	
	<i>Suites</i>			
0136	FAMU Village	2014	796	796
	<i>Apartments</i>			
0152-59	Palmetto Street North	1974	126	126
0605-08	Palmetto Street South (Male/Female)	1993	356	356
0162-63	Palmetto Street Phase III (Male/Female)	1996	356	356
	TOTAL Existing, Main Campus		2,509	2,509

Source: FAMU Office of Housing and Residence Life, 2017

Cropper, Diamond, McGuinn, and Wheatley Halls have been closed, eliminating 769 beds. These facilities will either be renovated or replaced with new construction. See Table 7.1.2.

The University currently adheres to a policy of providing housing for at least 30 percent of its student body by the year 2015 and which then shall increase to 33 percent by the year 2020.

Table 7.1.2: Inventory of Existing Beds, Offline

Bldg. No(s).	Name of Residence	Year	Maximum Bed Capacity	FY 2015-16 Capacity
0043	McGuinn Hall	1938/1989	closed (211)	0
0046	Cropper Hall	1947/1989	closed (159)	0
0047	Diamond Hall	1947/1989	closed (105)	0
0136-51	Wheatley Hall	1947/1989	closed (199)	0
0152-59	Palmetto Street North	1974	closed (221)	0
	TOTAL, Other		769	0

Source: FAMU Office of Housing and Residence Life, 2017

b) An inventory of the total number of existing beds, by type, provided on campus for graduate students.

No specific provisions are made for graduate students. Very few, or an estimate of less than 1% of graduate students currently reside within University-provided housing. However, over 1,000 or about 40% of all campus housing are single rooms and approximately 20% of those are in Palmetto apartments. The remainder are in FAMU Village and scattered throughout the traditional residence halls.

c) An inventory of the total number of existing housing units, by type, provided on campus for married students.

Similar to housing available to graduate students, no specific accommodations are made for married students. Palmetto North married housing has been phased out, but Palmetto South and Phase III apartments are still open and available to married students.

d) An inventory of other existing student housing provided on campus (i.e., fraternities and sororities, etc.), identifying numbers of beds provided in each such facility.

No other housing is provided on campus except as noted above. Some fraternities maintain bed spaces in facilities that are located off campus.

e) An inventory of historically significant housing on campus.

FAMU does not recognize any historically significant housing on campus. However, Young Hall was built in 1928 and Sampson Hall in 1938. Both were renovated in 2011 and are still being utilized. Each hall has significant historical style and detailing which has been retained through recent renovation.

f) A description of the existing types of housing provided on campus (apartment, dormitory, suites, etc.)

The majority of bed spaces made available to FAMU students are single bedroom units in both traditional dormitory style and non-traditional suite-style. Table 7.1.3 indicates a total of 1,190 single bed dormitory / apartment style residential units and a total of 650 double bed dormitory / apartment style residential units.

Table 7.1.3: Inventory of Existing Housing / Residence Types, No. of Units

Bldg. No(s).	Name of Residence	Year	Single Bed Dorm / Apt.	Double Bed Dorm / Apt.	Triple / Quad / Apt.
0005	Young Hall	1929	3	38	0
0044	Truth Hall	1959	3	46	2
0048	Sampson Hall	1938	9	75	0
0059	Gibbs Hall	1955	9	143	2
0115	Paddyfote Complex "A"	1967	60	0	0
0116	Paddyfote Complex "B"	1967	56	0	0
0117	Paddyfote Complex "C"	1967	56	0	0
0118	Paddyfote Complex "D"	1967	60	0	0
0136	FAMU Village	2014	796*	0	0
0605-08	Palmetto Street South	1993	116	120	0
0162-63	Palmetto Street Phase III	1996	140	108	0
0152-59	Palmetto Street North	1996	140	108	0
	TOTAL, Main Campus		1,190	650	4

Source: FAMU Office of Housing and Residence Life, 2015

*FAMU Village provides two single bedrooms in each of its units. The setup is suite-style, with a shared bathroom per each pair of residents.

The total maximum and optimum number of bed spaces varies at times according to routine maintenance, necessary renovations and variable furniture layouts.

g) An inventory of any University-provided housing located off campus, identifying number of beds, types of units and whether the facilities are rented or owned by the University.

FAMU does not provide any off-campus housing.

h) Estimates of the number of undergraduate, graduate and married students housed on-campus, and in University facilities located off-campus.

The University currently maintains on-campus housing for a maximum of 2,383 students. Few or less than one percent of the combined married/graduate student enrollment utilizes FAMU's on-campus housing. The FAMU Housing Department previously reported that approximately 24.4% of the undergraduate student enrollment is provided on-campus University housing. Based on available housing and projected undergraduate enrollment (as reported in the FAMU Work Plan), that percentage is now estimated to be 26.3% for SY 2015/16.

i) Estimates of the number of full-time students housed off campus in non-University provided rental housing and the number of rental housing units occupied.

According to previous master plan documents, approximately 7,100 students reside off campus. The total number of rental housing unit's occupied off-campus is undetermined.

j) An inventory of the host community's rental housing supply by rental range as described in the host community's Comprehensive Plan or other best available data.

The Housing Element of the City of Tallahassee/Leon County Comprehensive Plan - Adopted July 16, 1990/Revised April 7, 2010 has an objective (1.4) to, "Facilitate the development of student housing in areas proximate to the universities and community college to maximize existing infrastructure, including mass transit services." Five policies are established to support this objective.

A market survey of off-campus area rental rates from 2000 and 2014, as well as information from the previous master plan are noted in Table 7.1.4.

Table 7.1.4: Host Community Market Survey

Unit Size	Average Rents (2000)	Average Rents (2014)
One Bedroom	\$467	\$700
Four Bedroom	\$796	\$1900

Source: Tallahassee-Leon County Planning Department, 2015

(2) ANALYSIS REQUIREMENTS. This element shall be based, at a minimum, on the following analyses:

a) An analysis of existing University policies regarding the percentage of students for which on-campus housing is provided.

The University's current policy is to endeavor to provide on-campus housing for at least 30% of its student body by 2015. The University has established a new policy goal of increasing this to 33% by 2020.

b) A projection of the number of students to be housed on campus in University-provided facilities based on the existing policies for provision of on-campus housing. This projection shall include a description of handicap-accessible beds/units.

Current FTE Enrollment of both graduate and undergraduate students are 9,614 for 2016-2017.

Table 7.2.1: Existing Bed Capacity as Percent of Housing Policy, 2016

	No. of Beds	% of Policy
Existing FY 2016-17 and maximum bed capacity	2,383	93%
Current Renovation Projects	0	-
TOTAL, Low and High Estimates	2,383	93%

Source: Calculated by Wood+Partners, Inc. 2017

Demand for handicap-accessible housing has been very rare. Handicap-accessible housing is planned into major renovation and new housing construction projects. Since their renovations in 2011, Sampson and Young Halls now comply with Americans with Disabilities Act (ADA) and Fair Housing Act codes as does FAMU Village. Additionally, the University presently offers over one hundred bed spaces that can easily and efficiently be converted for handicap use.

c) A projection of the numbers of students projected to be housed in non-University provided facilities on campus (fraternities, sororities, etc.).

There are no existing and no planned non-University owned housing facilities (fraternities, sororities, etc.) to be provided for students on campus.

d) An analysis of the existing housing provided on campus, including:

1. Age of buildings that house students and programs to retrofit or replace aged structures:

The age of each housing facility, in ascending order by the year constructed or occupied, is shown in Table 7.2.2.

Table 7.2.2: Age of Existing Housing Facilities, Main Campus

Bldg. No(s).	Name of Residence	Year *	Current Status
0005	N.B. Young Hall	1928	Occupied – Renovated 2011
0048	Sampson Hall	1938	Occupied – Renovated 2011
0059	Gibbs Hall	1955	Occupied– Renovated 1989
0044	Truth Hall	1960	Occupied – Renovated 1988
0115	Paddyfote Complex “A”	1967	Occupied
0116	Paddyfote Complex “B”	1967	Occupied
0117	Paddyfote Complex “C”	1967	Occupied
0118	Paddyfote Complex “D”	1967	Occupied
0605-08	Palmetto Street South	1992	Occupied
0162-63	Palmetto Street Phase III	1996	Occupied
0136	FAMU Village	2014	Occupied
0043	McGuinn Hall	1938	Offline– Renovated 1989
0046	Cropper Hall	1947	Offline– Renovated 1989
0047	Diamond Hall	1947	Offline– Renovated 1989
0136-51	Wheatley Hall	1947	Offline– Renovated 1989
0152-59	Palmetto Street North	1974	Offline– Renovating 2017

* Year – year building was constructed or occupied, renovation years not reflected

Source: FAMU Housing Department and Physical Facilities Space File, 2015 and FAMU Housing Department, 2017

2. Physical condition of those buildings:

The age and condition of existing housing at FAMU is a concern that needs to be addressed. Most residence buildings are at least 35 years old, Paddyfote is more than 40 years old, and three buildings are more than 50 years old. Four of the oldest buildings (Cropper, Diamond, McGuinn and Wheatley Halls) have recently been closed pending redevelopment plans.

3. The existing rate structure charged for on-campus housing:

Housing rates for each of the facilities offered to FAMU students during the Fall 2015 school year are shown in Table 7.2.3.

Table 7.2.3: Existing On-Campus Rate Structure

Bldg. No(s).	Name of Residence	Rate per Semester	Summer Full-Term Rate
Female Residences (Traditional)			
0005	Young Hall (Double)	\$3,275	\$2,594
0005	Young Hall (Single)	\$3,685	\$2,918
0044	Truth Hall	\$2,631	\$2,082
0115-17	Paddyfote Complex (Single)	\$2,839	\$2,247
Male Residences (Traditional)			
0048	Sampson Hall (Double)	\$3,275	\$2,594
0048	Sampson Hall (Single)	\$3,685	\$2,918
0059	Gibbs Hall	\$2,631	\$2,082
Apartments / Suites / Other			
0605-08	Palmetto Street South (Double)	\$2,719	\$2,153
0605-08	Palmetto Street South (Single)	\$3,065	\$2,427
0162-63	Palmetto Street Phase III (Double)	\$2,790	\$2,211
0162-63	Palmetto Street Phase III (Single)	\$3,135	\$2,482
0136	FAMU Village	\$3,596	\$2,848

Source: FAMU Housing Department, 2015

- e) An estimate of the number of additional on-campus housing units, by type, necessary to meet the needs described in (2) a) (apartment, suite, dormitory, etc.).**

The University does not anticipate the need for any more traditional dormitory rooms at this time. Current and projected trends for student housing in general call for more attention to privacy while still maintaining some degree of sharing and socialization among students, i.e. suite or apartment style residences with single occupancy bedrooms as well as living-learning initiatives.

Any planned new construction or major renovations should consider this and any other new housing market trends. The University may want to consider replacement of old obsolete residence structures with new suite or apartment-style residences in the future.

f) An analysis of potential on-campus sites and of the capacity of these sites (beds). This analysis shall describe the method used to translate total beds required into building and site requirements.

The potential and capacity of existing on-campus sites and beds will require extensive site visits, research and analysis beyond the scope of this Inventory and Analysis report.

g) A projection of the number of students that will be housed off campus in facilities provided by others (private market housing).

Assuming about 3,000 students reside on campus in 2017 approximately 7,000 will require off-campus housing. By 2020, if 3,500 students are housed on-campus, about 8,000 will require off-campus housing.

h) An assessment of the student impacts on the occupancy of the host community's rental stock.

Students who reside off-campus may originate from Leon County or non-local, outside of Leon County. Some local students may still live at home with parents. Students living on their own off-campus often have one or more roommate(s). An assessment of the projected impact on the host community is noted in Table 7.2.4 based on 30% and 50% of the total projected off-campus headcount.

Table 7.2.4: Projected Impact on Host Community

	2017	2020
Projected total number of students	10,029	11,458
Estimated no. of dwelling units @ 30%	3,009	3,437
Estimated no. of dwelling units @ 50%	5,014	5,729

Source: Calculations as noted based on FAMU 2017 Work Plan

8.0 Recreation and Open Space Element

PURPOSE

The purpose of this element is to ensure the provision of adequate and accessible recreation facilities and open space to meet the future needs of the University.

(1) DATA REQUIREMENTS. This element shall be based, at a minimum, on the following data:

a) An inventory of all existing privately owned, state-owned, or local government-owned recreational facilities and open spaces within the context area. The following shall be identified for each site:

1. The types of uses provided (activity based or resource based);
2. The types of recreation facilities (ballfields, courts, etc.) provided;
3. The estimated usage at each site (frequency and number of people); and
4. The total acreage at each site.

Information on estimated usage at each site is not available. However, each of the facilities assists the city in meeting its adopted level-of-service standards for recreation and open space.

Table 8.1 Recreational Facilities within the FAMU Service Area

Facility	Facility Uses	Total Acreage
Boulevard Park	Open space	.72 acres
Cascades Park	Open space/Trail/Playground/Picnic	24 acres
Capital Cascades Trail	Open space/Trail/Playground/Picnic	NA
Coal Chute Park	Open space	1.3 acres
Country Club Park	Open space/ Ballfields	3.5 acres
Jack L. McLean Jr. Park Center Pool	Open space/Swimming/Playground/Picnic/Ball Courts/Trails	52 acres
Jake Gaither Community Center	Multi-purpose center/Open space/Playground/Picnic/Ball Courts/Ballfield/Golf	118.9 acres
Lake Elberta Park	Open area/Trail	~30 acres
Myers Park	Open space/Trail/Playground/Ball Courts	24.8 acres
Pearlie Mae Butler Playground	Playground	.48 acres
Speed-Spencer-Stephens Park	Open space/Trail	2.4 acres
Springsax Park	Ballfields/picnic	35.4 acres
Wade Wehunt Pool	Swimming	1.25 acres
Walker-Ford Center	Swimming/Ballcourts/Ballfield	12.4 acres

Source: Tallahassee Parks and Recreation Department, Tallahassee/Leon County GIS, 2015

b) An inventory of the University-owned or managed recreation sites, open spaces, incidental recreation facilities, parks, lakes, forests, reservations, freshwater or saltwater beaches (map, narrative and tabular) identifying:

1. The estimated usage at each site (frequency and number of people);
2. The total acreage at each site or facility.

See Figures 8.1A and 8.1B: Campus Recreational Facilities for locations.

Table 8.2 Inventory of all University-owned Athletic Facilities

Facility	Estimated Usage	Total Acreage
Baseball (Men’s Intercollegiate)	-	4.0
Baseball (2 Fields; Intramural)	-	4.74
Basketball (Men’s Intercollegiate)	-	6.7
Basketball (Women’s Intercollegiate)	-	6.7
Basketball (5 Courts; Intramural)	-	0.57
Basketball (2 Courts; DRS)	-	0.27
Bowling (7 Lanes)	-	NA
Football (Men’s Intercollegiate)	-	12.59
Football (1 Field; DRS)	-	1.44
Flag Football (Intramural)	-	2.29
Golf	-	NA
Racquetball (4 Courts)	-	0.3
Recreation Center	-	4.27
Soccer (1 Field; Intramural)	-	1.86
Softball (Women’s Intercollegiate)	-	2.10
Softball (2 Fields; Intramural)	-	2.97
Swimming	-	0.64
Tennis (16 courts)	-	2.15
Track and Cross Country	-	3.71
Volleyball (3 Courts)	-	0.17
Wrestling	-	NA

* At the time this report was prepared FAMU was in the process of collecting and updating estimated usage data. The multi-purpose teaching gymnasium serves both men’s and women’s intercollegiate basketball; Men’s intercollegiate football includes the practice field; and FAMU Developmental Research School recreation facilities are included in the above table.

Source: Wood+Partners Inc, 2017

c) A description of the level of service standard(s) established by the host community for each type of recreation facility described in the Comprehensive Plan of the jurisdiction.

The Recreation Element of the Tallahassee-Leon County Comprehensive Plan establishes a system comprised of three different levels of parks with the following minimum level of service acreage standards measured in acres per 1,000 persons.

Table 8.3 Recreation Facilities Level of Service per 1,000 Population

Responsible Government	Countywide	Area	Local (Recommended)
City	4	1 Acre	2
County	8	1 Acre	---
Federal/State	4	---	---

Source: Tallahassee-Leon County 2030 Comprehensive Plan (as of 2015 Out of Cycle Amendments)

d) A description of any University-owned recreational facilities or open spaces that have been incorporated in the Recreation and Open Space Element of the host community’s Comprehensive Plan.

The Future Land Use Map of the Tallahassee-Leon County Comprehensive Plan classifies the FAMU property entirely as Education Facility. Therefore, none of the existing recreation or open spaces on campus have been incorporated into the comprehensive plan.

(2) ANALYSIS REQUIREMENTS. This element shall be based, at a minimum, on the following analyses:

a) An analysis of the projected needs for recreation and open space facilities required to meet the needs of the future University population (students, faculty and staff) based on University standards and calculations or established level of service standards.

Based on the standards established by the host community for Local Level of Service standards (Table 8.3), the campus will need to maintain a level of at least two (2) acres of open recreation space per 1,000 students. Based upon projected student enrollment and current levels of open space, the University will maintain the level of service through the planning period.

b) An assessment of the adequacy of the existing recreational facilities and open spaces to meet the projected needs of the University (on campus, off campus), including a description of the extent to which off-campus facilities may meet some or all of the University projected needs.

The University has ensured adequate provisions for recreational facilities and open spaces that meet the needs of the student population through the completion of facilities in previous years. Opportunities do exist for enhancement of open spaces including the creation of quadrangles, squares, and plaza spaces that promote social interaction. Passive trail opportunities exist within the open space and conservation areas of campus.

A substantial facility problem does exist in the swimming pool. Due to its deteriorated condition the pool, was closed in 2006. The smaller training pool was renovated in 2013, yet the larger pool remains closed. Consideration should be given to assessing the need for renovating the larger pool in terms of recreational services provided for the campus.

Off-campus recreational facilities are not required to meet the University's projected needs. However the University currently benefits from the proximity of numerous passive and active recreational facilities nearby.

c) An assessment of opportunities for alternative future facility siting in order to conserve the supply and character of campus open space.

The campus master plan update contemplates a significant reorganization of collegiate football facilities from their current location to the southern portion of campus along with the relocation of the track and field facility and intramural fields to the current site of Bragg Stadium. This rearrangement of athletic and recreational facilities makes provisions for new and enhanced campus open spaces that will further define the character of campus through the creation of linear greens, an amphitheater, and passive walking trails.

d) An analysis of planned future recreation and open space facilities, as adopted by the host community in their Comprehensive Plan or other best available data.

Complementing the recently completed segment of FAMU Way and Capital Cascades trail, additional segments are either in the construction or design phase. Upon completion, the Capital Cascades Trail will connect from Cascades Park to St. Marks. This trail system connects to a wide range of recreation and open space amenities that offer the University a diverse set of experiences.



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 008 - LUCY MOTEN
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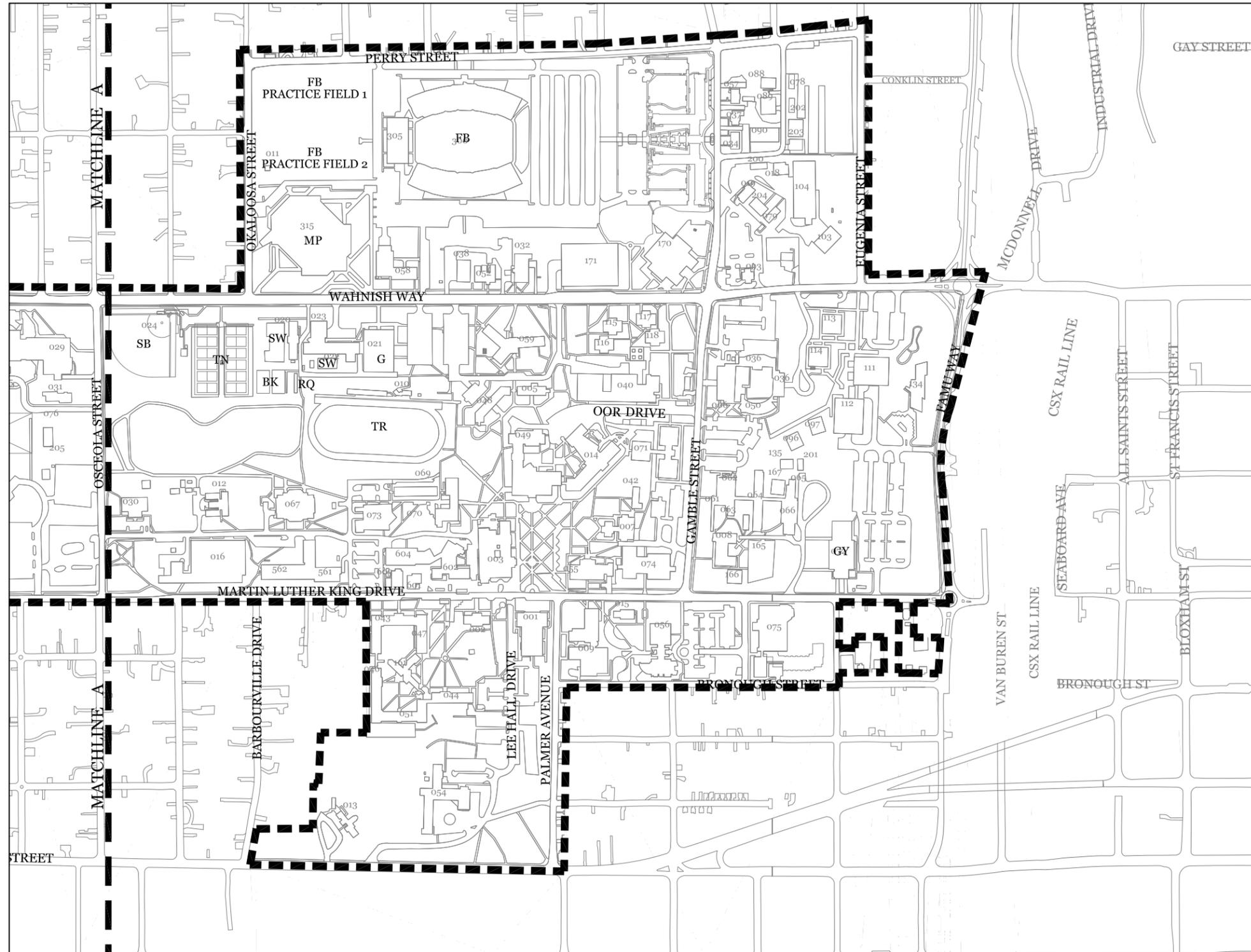
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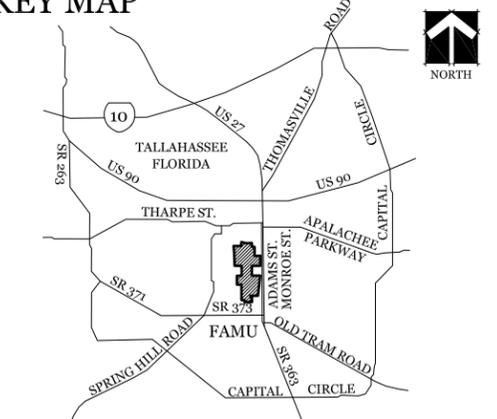
RECREATIONAL FACILITIES MAP (NORTH)

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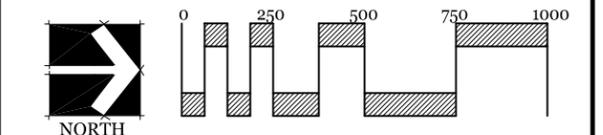
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|---|---|
| [BB] UNIVERSITY BASEBALL FIELD* | [INT SB] RECREATION SOFTBALL FIELD |
| [BK] BASKETBALL COURT | [INT SF] RECREATION SOCCER FIELD |
| [DRS BK] DRS BASKETBALL COURT | [M1] MARCHING 100 PRACTICE FIELD |
| [DRS FB] DRS FOOTBALL FIELD | [MP] MULTI-PURPOSE TEACHING GYMNASIUM* |
| [DRS SB] DRS SOFTBALL FIELD | [RQ] RACQUETBALL COURT |
| [DRS TN] DRS TENNIS COURT | [RC] MULTI-PURPOSE RECREATION CENTER |
| [FB] BRAGG STADIUM* | [SB] UNIVERSITY SOFTBALL FIELD* |
| [G] GAITHER GYMNASIUM | [SW] SWIMMING POOL |
| [GY] OLD DRS GYMNASIUM | [TN] TENNIS COURT |
| [INT BB] RECREATION BASEBALL FIELD | [TR] ROBERT "PETE" GRIFFIN TRACK AND FIELD* |
| [INT BK] RECREATION BASKETBALL COURT | [VB] VOLLEYBALL COURT |
| [INT FB] RECREATION FLAG FOOTBALL FIELD | |

*INTERCOLLEGIATE

KEY MAP



2015-2025 MASTER PLAN INVENTORY & ANALYSIS
 FLORIDA A&M UNIVERSITY
 TALLAHASSEE, FLORIDA
 DATE: JANUARY 2018





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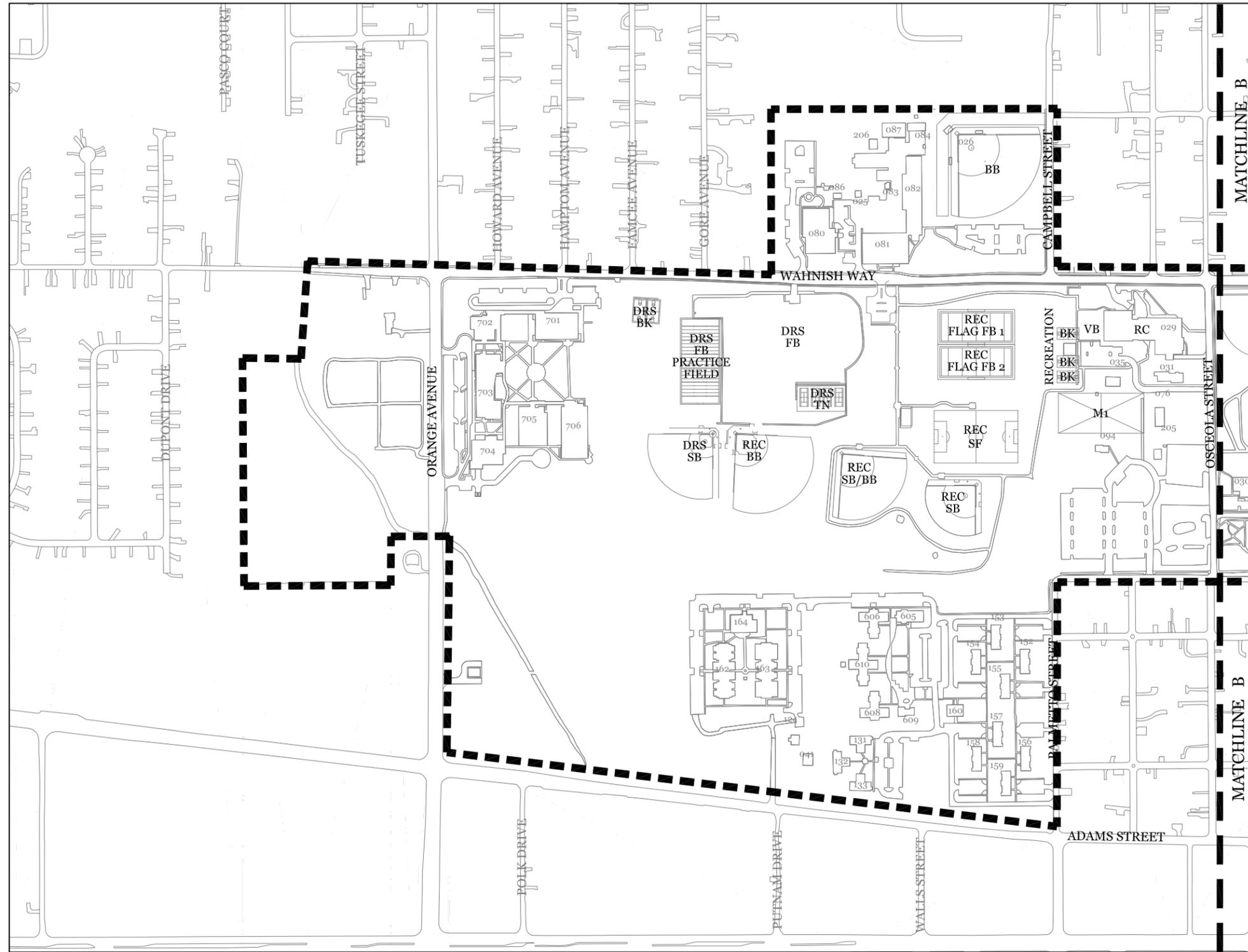
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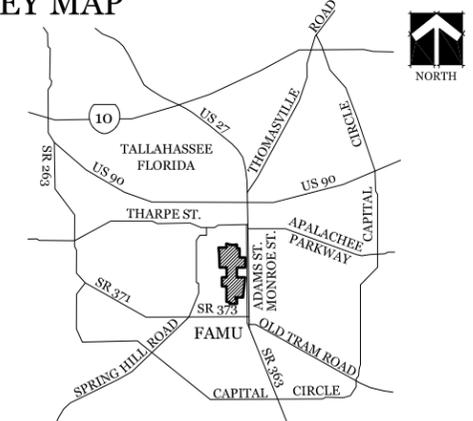
RECREATIONAL FACILITIES MAP (SOUTH)

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| UNIVERSITY BASEBALL FIELD* | RECREATION SOFTBALL FIELD |
| BASKETBALL COURT | RECREATION SOCCER FIELD |
| DRS BASKETBALL COURT | MARCHING 100 PRACTICE FIELD |
| DRS FOOTBALL FIELD | MULTI-PURPOSE TEACHING GYMNASIUM* |
| DRS SOFTBALL FIELD | RACQUETBALL COURT |
| DRS TENNIS COURT | MULTI-PURPOSE RECREATION CENTER |
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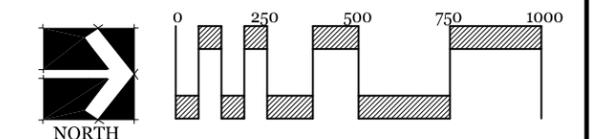
*INTERCOLLEGIATE

KEY MAP



2015-2025 MASTER PLAN
 INVENTORY & ANALYSIS
**FLORIDA A&M
 UNIVERSITY**
 TALLAHASSEE, FLORIDA

DATE: JANUARY 2018



9.0 General Infrastructure Element

PURPOSE

The purpose of this element is to ensure adequate provision of public facilities and services required to meet the future needs of the University, including the following:

- a) Ensure provision of adequate stormwater management capacity to protect the welfare of both the University's and host community's residents and prevent water damage to public and private property;
- b) Ensure provision of sufficient potable water to meet anticipated University needs;
- c) Ensure provision of adequate sanitary sewer and treatment capacity to meet anticipated University needs; and
- d) Ensure provision of adequate solid waste handling and disposal capacity to meet anticipated University needs.

STORMWATER MANAGEMENT SUB-ELEMENT

(1) DATA REQUIREMENTS.

- a) **An inventory of all public and private facilities and natural features which provide stormwater management for the campus, including detention and retention structures, storm drainage pipe systems, natural stream channels, rivers, lakes, wetlands, etc.**

The FAMU campus is within the Lake Munson Drainage Basin. For the purpose of this analysis of the FAMU campus stormwater impacts, the drainage study limits are referred to as the Drainage Boundary as shown on Figure 9.1A-B. The topography of the Drainage Basin differs throughout ranging from 200 feet above the National Geodetic Vertical Datum (NGVD) in the center of campus to less than 50 feet NGVD at the south end of campus.

The campus is located within three watersheds: Leon High Watershed, Florida State University Watershed, and the Indian Head Watershed. The stormwater runoff from the campus drainage area is directed to three receiving water bodies, St. Augustine Branch, Central Drainage Ditch and East Drainage Ditch. These bodies converge to the Munson Slough, a natural channel. These conveyances ultimately discharge to Lake Munson. The City of Tallahassee maintains all of these discharge locations.

The campus drainage area is divided based on the three main watersheds intersecting campus, each discharging to its associated receiving water body. These main watershed basins are comprised of seven (7) Catchment Areas within the campus Drainage Boundary, grouped according to the receiving water body. See Figure 9.1A-B: Existing Drainage Map (North and South) for the boundaries of these Catchment Areas.

The Leon High Watershed is comprised of Catchment Areas 1, 2, 3 and 5, which discharge to the St. Augustine Branch. Catchment Area 1 is just east of Eugenia Street on Figure 9.1A. The St. Augustine Branch flows west across the northern boundary of FAMU and discharges to the Central Drainage Ditch approximately one mile

downstream. Also, contributing to the Central Drainage Ditch is the Florida State University Watershed area on campus, which is comprised of Catchment Areas 4 and 6. Runoff to the Central Drainage Ditch reaches its outfall through a 54-inch pipe that runs parallel to Okaloosa Street, and drains near the intersection of Mill Street and Kissimmee Street.

The remaining drainage area on campus is part of the Indian Head Watershed, which is comprised of Catchment Area 7. This area drains to the East Drainage Ditch. The East Drainage Ditch exits the campus under Orange Avenue and flows southwest for approximately two miles before discharging into the Munson Slough.

The 2000 – 2015 Inventory and Analysis Report summarized the construction and capacity accounting of Stormwater Management Facilities (SWMF) for the period 1993 through 2005 as well as for facilities constructed prior to 1993. Included in this summary were the fair share payments made to the City of Tallahassee as part of the 2006 Campus Development Agreement which was later revised to include the pre-1993 fair share payments and the Multipurpose Gymnasium. The 2010 – 2020 Inventory and Analysis Report provided for those facilities constructed after 2006. Since that report was completed, additional SWMF have been constructed. These SWMF are listed in Table 9.1 and are shown on the Figures 9.1A-B. No additional SWMF have been constructed since the 2010-2020 Inventory and Analysis Report was prepared.

Table 9.1 SWMF Constructed Since 2010

SWMF (Pond #)	Facility Served	Located in Catchment Area	Description
-	Utility Substation	7	Provides water quality treatment and attenuation
2 (Expansion)	FAMU Village	4	Provides water quality treatment and attenuation
9 (Expansion)	Intramural Fields	7	Provides water quality treatment and attenuation
14	Pharmacy Phase II	3	Provides water quality treatment and attenuation

Source: 2010 - 2020 Inventory and Analysis and Campus Development Agreement, 2015.

b) For facilities shared with the host community, a description of the proportional capacity of the facility required to meet existing University needs, including a description of any capacity that may have been previously allocated to the University by the host community.

The 2010 – 2020 Inventory and Analysis Report summarized the facilities shared with the host community. As reported the host community does not provide proportional capacity to support the needs of the University as it continues to grow. Although all stormwater runoff from the FAMU property ultimately discharges into the Central Drainage Ditch and then into a natural channel called

Munson Slough which flows into Lake Munson, stormwater attenuation and treatment occurs on campus for development after 1993.

c) The following data shall be included for the stormwater management facilities identified in (1) a):

1. The entity having operation responsibility for the facility;

The existing drainage collection, conveyance, and treatment systems on campus are maintained by FAMU. The City of Tallahassee maintains the drainage system within the city streets. The city and state maintain the major waterways including St. Augustine Branch and Munson Slough and branch lines.

2. The geographic service area of the facility and the predominant types of land uses served by the facility;

See Figure 9.1A-B for geographic service areas of the campus facilities. Existing land uses are defined within the 4.0 Land Use Element of this plan.

3. The design capacity of the facility;

FAMU has constructed stormwater management facilities (SWMF) for treatment of stormwater runoff for new construction projects since 1993. These SWMF were designed per state and local governing agencies, and they provide stormwater management functions for the localized stormwater runoff for each new construction. These new SWMFs were not intended to address stormwater treatment for any construction prior to 1993, and do not include any additional campus area other than referenced new construction.

For construction prior to 1993 the University negotiated a campus development agreement with the City of Tallahassee. All impervious areas within these basins were tabulated and payment was made to the City of Tallahassee for Regional Stormwater Facilities. For this development (pre-1993), no on-campus stormwater management facilities will be required. Each development since 1993, except where included in the 2001 Campus Development Agreement, has been designed and constructed with stormwater management facilities. The facilities were designed with a capacity to meet state and local stormwater requirements. These facilities include collection, conveyance, treatment, storage and outfalls.

4. The current demand on the capacity of the facility; and

The existing stormwater facilities are insufficient to provide adequate on-site treatment and attenuation of existing developments prior to 1993. This is an accepted condition for which the City and FAMU have agreed upon and FAMU paid a fair share mitigation cost for all impervious area constructed prior to 1993. With this payment FAMU has paid for capacity for all development prior to 1993 and is under no requirement to provide stormwater management for pre-1993 construction. Since 1993 all stormwater management for construction on FAMU has been governed by the State (FDEP) and city requirements. The NFWFMD assumed stormwater and regulating authority from FDEP in 2007. The Development Agreement states that all stormwater facilities shall comply with the infrastructure standards of the FAMU Master Plan Infrastructure element which requires FAMU to meet all requirements of permit review with the

Northwest Florida Water Management District and the city. The University only needs to submit plans to the city for review but must meet the standards.

5. The level of service provided by the facility.

The existing level of service on-campus is limited to collection, conveyance, and disposal with the exception of localized stormwater treatment facilities in conjunction with new campus construction since 1993. The SWMFs provide water quality and quantity management to meet FDEP, Northwest Florida Water Management District and City of Tallahassee.

d) Major natural stormwater management and hydrological features shall be identified and included on a map.

The major natural stormwater management and hydrological features are shown on Figure 9.1A-B.

(2) ANALYSIS REQUIREMENTS.

a) A facility capacity analysis, by geographic service area, indicating capacity surpluses and deficiencies for:

1. Existing conditions based on the facility design capacity and the current demand on facility capacity; and

In regards to stormwater treatment and attenuation, FAMU has paid for its needed capacity/mitigation within the City's Regional Stormwater Facilities for all development prior to 1993. After 1993 the University has been constructing on-site SWMF's for new construction, typically on-site for the specific building/project. There is no identified surplus since each facility is designed for a specific new project/building.

The City of Tallahassee has conducted several studies that address the stormwater conveyance systems. These systems are the East Drainage Ditch, St. Augustine Branch, and the Central Drainage Ditch. These studies were done in order to update the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM). In these studies the existing systems were evaluated and modeled to determine the stormwater management function of each system. FAMU is a small contributor into these major facilities, and at this time the drainage conveyance systems are considered adequate for campus drainage.

2. The end of the planning time frame, based on the projected demand at current level of service standards for the facility, projected student populations and land use distributions, any available existing surplus facility capacity.

No stormwater surplus capacity exists.

b) The general performance of existing stormwater management facilities, evaluating the adequacy of the current level of service provided by the facility, the general condition and expected life of the facility and the impact of the facility upon adjacent natural resources.

As previously stated, all stormwater treatment prior to 1993 has been mitigated by FAMU paying its Fair Share to the City of Tallahassee for mitigation of impacts. Since that time, FAMU has been constructing SWMF at individual project sites. As with any urban campus this practice will not be sustainable as the campus density increases. The current campus stormwater management at his time meets the LOS requirements, however there is no additional capacity.

Generally, FAMU's topography exhibits considerable elevation differences. These differences in elevation do not support the present practice of constructing stormwater management facilities at or near each proposed development area throughout the campus.

Land use in the Leon High Watershed drainage area on north campus is typical of a university campus. Classroom facilities, dormitories, parking areas, and athletic fields/green space are the most frequently occurring uses. The impervious coverage is approximately forty (40) percent. Elevations range from about two hundred (200) feet to eighty (80) feet National Geodetic Vertical Datum (NGVD) over about one thousand, six hundred (1,600) feet of distance. This results in an average slope of 7.5 percent

Given the density of impervious surface, the relatively steep slopes, and generally low permeability soils, it is expected that runoff from this basin will be heavy, turbid, and swift. Erosion problems could be anticipated in poorly vegetated areas and areas which have recently been disturbed.

Land use in the Florida State University watershed drainage area on campus is quite similar to that in north campus. Impervious area is approximately forty (40) percent, and the elevations range from two hundred and ten (210) feet to one hundred (100) feet NGVD with an average slope of five (5) percent. The soils are also similar to those found in north campus. Runoff characteristics can be expected to be quite similar to the north basin also, being typified by swift velocities and high peak rates of discharge.

Land use in the south campus Indian Head Watershed drainage area is less impervious as it consists of primarily athletic fields and the Developmental Research School (DRS). SWMF were constructed at the athletic field north of the DRS. Lower portions of this drainage area (southeast portion) are likely locations for future stormwater management facilities. Impervious cover is approximately twenty (20) percent. Elevations range from about one hundred and sixty (160) feet near Osceola Street to forty-five (45) feet in a depression near the southeast corner of the campus. The average slope is 3.5 percent, all runoff eventually discharges to the East Drainage Ditch which transects the southeast corner of the FAMU property from northeast to southwest.

c) An analysis of the problems and opportunities for stormwater management facility expansion or replacement to meet projected needs of the University.

For any urban campus such as FAMU the ability to build stormwater management facilities at each building is very limited and not a practical solution to the challenge of meeting stormwater environmental requirements. The ideal solution is to have a central or regional stormwater management facility off campus that is owned and operated by the City and provides stormwater quality and quantity management. The City's Regional stormwater management facility (RSF) on Lake Bradford Road is a good example of this. Unfortunately this RSF is upstream of the FAMU Campus and cannot provide treatment for direct runoff

from FAMU. Meaningful discussions need to be initiated with the City of Tallahassee to plan and construct an off-site RSF that can provide direct stormwater management for future development at FAMU. Such a facility would most likely be located to the south of FAMU and provide treatment for FAMU basins 6 and 7 as well as compensating volume for the other basins that cannot flow to the south. Without a RSF, the most available space for stormwater treatment will be the southern portion of campus between the intramural field and the DRS or at the southeast east corner of the campus adjacent to Orange Avenue. Other innovative approaches to stormwater management should be considered such as underground detention and cisterns to recycle stormwater for irrigation.

- d) Existing regulations and programs which govern land use and development of natural stormwater management features shall be analyzed, including the strengths and deficiencies of those programs and regulations in maintaining the functions of natural stormwater management features.**

All construction with new impervious areas must meet stormwater quality and quantity permitting requirements of the Northwest Florida Water Management District and the city. FAMU is only required to submit plans to the city for review, however a formal Environmental permit is not required from the city. The strength of such programs is that it provides a uniform, effective policy to reduce pollution and to control peak discharges. The deficiencies of such a program is that it is inflexible and impractical for urban-type campuses and facilities as it does not require the city or other entity to provide central stormwater management (which is more practical in an urban environment).

POTABLE WATER SUB-ELEMENT

(1) DATA REQUIREMENTS.

- a) An inventory of existing potable water facilities on the campus (map, narrative), indicating location and sizes of main distribution lines.**

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

- b) For facilities shared with the host community, a description of the proportional capacity of the facility required to meet existing University needs, including a description of any capacity that may have been previously allocated to the University by the host community.**

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

- c) The following data shall be included for the potable water facilities identified in (1) a):**

- 1. The entity having operational responsibility for the facility;**

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

2. The geographic service area of the facility and the predominant types of land uses served by the facility;

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

3. The design capacity of the facility;

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

4. The current demand on the capacity of the facility

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

5. The level of service provided by the facility.

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

d) Major potable water and hydrological features shall be identified and included on a map.

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

(2) ANALYSIS REQUIREMENTS.

a) A facility capacity analysis, by geographic service area, indicating capacity surpluses and deficiencies for:

1. Existing conditions, based on the facility design capacity and the current demand on facility capacity; and

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

2. The end of the planning time frame, based on the projected demand at current level of service standards for the facility, projected student populations and land use distributions, and any available existing surplus facility capacity.

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

- b) The general performance of existing potable water facilities, evaluating the adequacy of the current level of service provided by the facility, the general condition and expected life of the facility, and the impact of the facility upon adjacent natural resources.**

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

- c) An analysis of the problems and opportunities for potable water facility expansion or replacement to meet projected needs of the University.**

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

- d) A description of the campus underground hydrology, including its potential for use as a potable water source.**

The City of Tallahassee is responsible for providing potable water to FAMU. Therefore, FAMU has no need or responsibility for this exploration of new raw water sources.

- e) An analysis of existing local, state and federal regulations governing potable water systems.**

All future water facilities must meet the FDEP standards pertaining to water distribution. Raw water supply and treatment is the responsibility of the City of Tallahassee.

SANITARY SEWER SUB-ELEMENT

(1) DATA REQUIREMENTS

- a) An inventory of the existing sanitary sewer systems on the campus indicating location and sizes of main collection lines.**

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

- b) For facilities shared with the host community, a description of the proportional capacity of the facility required to meet existing University needs, including a description of any capacity that may have been previously allocated to the University by the host community.**

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

- c) The following data shall be included for the sanitary sewer facilities identified in (1) a):**

- 1. The entity having operational responsibility for the facility;**

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

2. The geographic service area of the facility and the predominant types of land uses served by the facility;

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

3. The design capacity of the facility;

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

4. The current demand on the capacity of the facility; and

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

5. The level of service provided by the facility.

The current Development Agreement states that the Comprehensive Plan establishes a LOS of 140 gallons per day per capita. Information was being compiled at the time of this draft concerning the water and sewer use for the entire campus. Primarily FAMU needs only to provide the on-campus conveyance for the LOS as the City will provide the wastewater treatment. It is expected that the FAMU average sewerage will be less than 55 gpc per student.

d) Major sanitary sewer facilities shall be identified and included on a map.

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

(2) ANALYSIS REQUIREMENTS.

a) A facility capacity analysis, by geographic service area, indicating capacity surpluses and deficiencies for:

1. Existing conditions, based on the facility design capacity and the current demand on facility capacity; and

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

2. The end of the planning time frame, based on the projected demand at current level of service standards for the facility, projected student populations and land use distributions, any available existing surplus facility capacity.

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

- b) The general performance of existing sanitary sewer facilities, evaluating the adequacy of the current level of service provided by the facility, the general condition and expected life of the facility, and the impact of the facility upon adjacent natural resources.**

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

- c) An analysis of the problems and opportunities for sanitary sewer facilities.**

See Appendix A – Florida A&M University Water & Sewer Utilities Analysis 2015-2025 Master Plan Update.

- d) An analysis of existing local, state and federal regulations governing sanitary sewer collection and treatment systems.**

FAMU is only responsible for the sewer collection system located on campus. The City of Tallahassee is responsible for the permitting and operation of the regional wastewater treatment facility. New sewer collection/transmission systems and modifications of existing systems on campus must be designed, permitted and operated in accordance with the provisions of DEP Rule 17-604, FAC. The operating permit for the regional wastewater treatment facility is the responsibility of the City of Tallahassee. Operating permits are not issued for the collection/transmission sewer systems located on campus.

SOLID WASTE SUB-ELEMENT

(1) DATA REQUIREMENTS.

- a) An inventory of the existing solid waste collection and disposal systems on the campus, indicating facilities for the storage and /or disposal of hazardous and medical wastes.**

Solid waste is currently being collected and disposed of by the City of Tallahassee. FAMU is only responsible for the collection and disposal of yard trash and debris. Solid waste is either recycled or sent to the county landfill. Special dumpsters are set up for these purposes throughout the campus. The operation of the landfill is the responsibility of Tallahassee-Leon County. The county's main goal is to provide adequate and cost-effective solid waste disposal and collection service. Policies within the county's Comprehensive Plan provide a means to reduce the volume of waste going to the landfill by establishing recycling programs and other waste reduction programs.

- b) The amount of solid waste generated by the University.**

The cost of solid waste service is used as a relative indicator of the solid waste produced. The City provides dumpster pick up, compactor pickup and recycle pickup for the University. There is no weight recorded on the dumpster or recycle pick up; therefore the cost of solid waste is used as a relative indicator of the amount of solid waste produced. See also paragraph (2) (b) below.

Table 9.4 Solid Waste Generation 2016

Month	Cost
January 2016	\$12,904.96
February 2016	\$11,683.30
March 2016	\$14,805.74
April 2016	\$14,794.60
May 2016	\$23,904.69
June 2016	\$11,166.26
July 2016	\$11,449.32
August 2016	\$16,907.80
September 2016	\$12,766.47
October 2016	\$14,102.56
November 2016	\$14,719.60
December 2016	\$11,619.68
Total	\$170,824.98

Source: FAMU, Physical Plan, 2017

- c) For facilities shared with the host community, a description of the proportional capacity of the facility required to meet existing University needs, including a description of any capacity that may have been previously allocated to the University by the host community.**

The City of Tallahassee-Leon County landfill provides solid waste capacity for the University. There is no specific allocation to the University; however the current Development Agreement between the City and FAMU requires that capacity will be provided by the City.

- d) The following data shall be included for the solid waste collection and disposal facilities identified in (1) a):**

- 1. The entity having operational responsibility for the facility;**

The City of Tallahassee Waste Management has responsibility for solid waste collection and disposal of generated waste located at FAMU.

- 2. The geographic service area of the facility and the predominant types of land uses served by the facility**

See 5. below.

- 3. The design capacity of the facility;**

See 5. below.

- 4. The current demand on the capacity of the facility; and**

See 5. below.

5. The level of service provided by the facility.

Items 2 through 4 are provided for by the City of Tallahassee-Leon County and adequate capacity is provided. The City of Tallahassee Development Agreement and Comprehensive Plan allocate a Level of Service to the University of 7.4 lbs per capita per day. It is estimated by FAMU that the students generate 7.67 lbs of solid waste per student per day. However during certain periods when awareness of recycling is heightened, such as RecycleMania competition or the annual CANpaign, much greater recycle rates are achieved, thereby reducing the rate considerably. FAMU currently has a goal to reduce solid waste by 20% by the year 2020.

e) Major solid waste collection and disposal facilities shall be identified and included on a map.

See Figures 3.2 A-B of Building Service area Maps for location of dumpsters, and recycle bins.

(2) ANALYSIS REQUIREMENTS.

a) A facility capacity analysis, by geographic service area, indicating capacity surpluses and deficiencies for:

1. Existing conditions, based on the facility design capacity and the current demand on facility capacity; and

A capacity analysis of the City-County solid waste landfill is not within the scope of services of this plan since the solid waste service is provided for by the City and County. It should be noted that no capacity deficiencies have been observed in the solid waste and disposal system at FAMU.

2. The end of the planning time frame, based on the projected demand at current level of service standards for the facility, projected student populations and land use distributions, any available existing surplus facility capacity.

The projected increases in solid waste are listed below. It is expected that no capacity problems will be experienced by the City-County; however surplus capacity cannot be estimated.

Table 9.5 Projected Solid Waste Generation 2016-2022 (Cost)

Year	Cost
2016	\$170,825.00*
2017	\$174,241.00
2018	\$177,726.00
2019	\$181,281.00
2020	\$184,906.00
2021	\$188,605.00
2022	\$192,377.00

Projections are based on a projected growth rate of approximately 2% and allowance for a slight increase in Level of Service.

b) The general performance of existing solid waste collection and disposal facilities, evaluating the adequacy of the current level of service provided by the facility, the general condition and expected life of the facility, and the impact of the facility upon adjacent natural resources.

The performance of the existing solid waste service is adequate. The current level of Service allocated by Development Agreement between Tallahassee and FAMU is 7.4 lbs per day per capita. The City provides dumpster pick up, compactor pickup and recycle pickup for the University. These containers are distributed throughout the university. There are no weights recorded on the dumpster collection. The dumpster collection is invoiced by frequency of pick up and size of the container. The compactor pickup is invoiced by weight. There is no charge for recycle pickup nor is there any recorded weight or volume for the recycle. Since there is no actual weighing of most of the solid waste, the cost of solid waste service is the best indicator of increases or decreases in solid waste production. The cost of solid waste service is used as a relative indicator of the solid waste produced.

c) An analysis of the problems and opportunities for solid waste collection and disposal facility expansion or replacement to meet projected needs of the University.

No expansion of the City's service is expected to meet the needs of the University.

d) An analysis of existing local, state and federal regulations governing solid waste collection and disposal systems.

Federal Regulations: The federal government regulates solid waste in order to minimize the potential for environmental impacts, and to encourage resource recovery. The U.S. Environmental Protection Agency (EPA) reviews solid waste management facilities for air and water quality impacts. The U. S. Army Corps of Engineers, along with the Florida Department of Environmental Protection (DEP), regulate filling activities in wetlands. The 1976 Federal Resource Conservation and Recovery Act (PL 94□580) removed the regulatory constraints that impeded resource recovery in order to encourage states to conserve materials and energy.

The Resource Conservation and Recovery Act also addresses the regulation of hazardous wastes. Pursuant to this Act, EPA has set forth guidelines and standards for the handling of hazardous wastes, and directs state agencies, including Florida's DEP, to regulate hazardous waste management. To aid in hazardous waste management financing, the EPA "Superfund" Program was established by the Comprehensive Emergency Response and Compensation Liability Act of 1980. This Act provided EPA with the funds to respond to sites requiring clean-up and emergency mitigation, and allows local governments to apply for funding of their hazardous waste management projects.

State Regulations: The environmental impacts of solid waste are regulated at the state level by the Florida Department of Environmental Protection (DEP). The DEP follows the solid waste management guidelines set forth in Rule 17-701, F.A.C. when permitting solid waste facilities. Specifically, the DEP has established evaluation criteria for the construction, operation, closure and long-term care of landfills. The agency also regulates the handling, classification and disposal of wastes, as well as resource recovery operations.

The 1974 Florida Resource Recovery and Management Act (Chapter 403.701, F.S.) required each county to prepare a Solid Waste Management Plan. In 1988 this Act was amended by the Solid Waste Management Act to establish state goals, regulations and programs for a host of solid waste activities. It mandates that counties recycle fifty percent of their total municipal solid waste by December 2015, and 75% by December 2020. No more than half of the 30% can be met with yard trash, white goods, construction debris and tires. It requires that, at minimum, a majority of newspaper, aluminum cans, glass and plastic must be separated from the solid waste stream and offered for recycling. The State imposes deadlines for the separate handling of various special wastes, including construction and demolition debris, yard waste, white goods and used batteries and oil, to divert their disposal away from the landfills. Composting of other mechanically treated solid waste and yard trash is also encouraged.

e) An assessment of opportunities or available and practical technologies for the reduction, recycling and re-use of solid waste generated by the University.

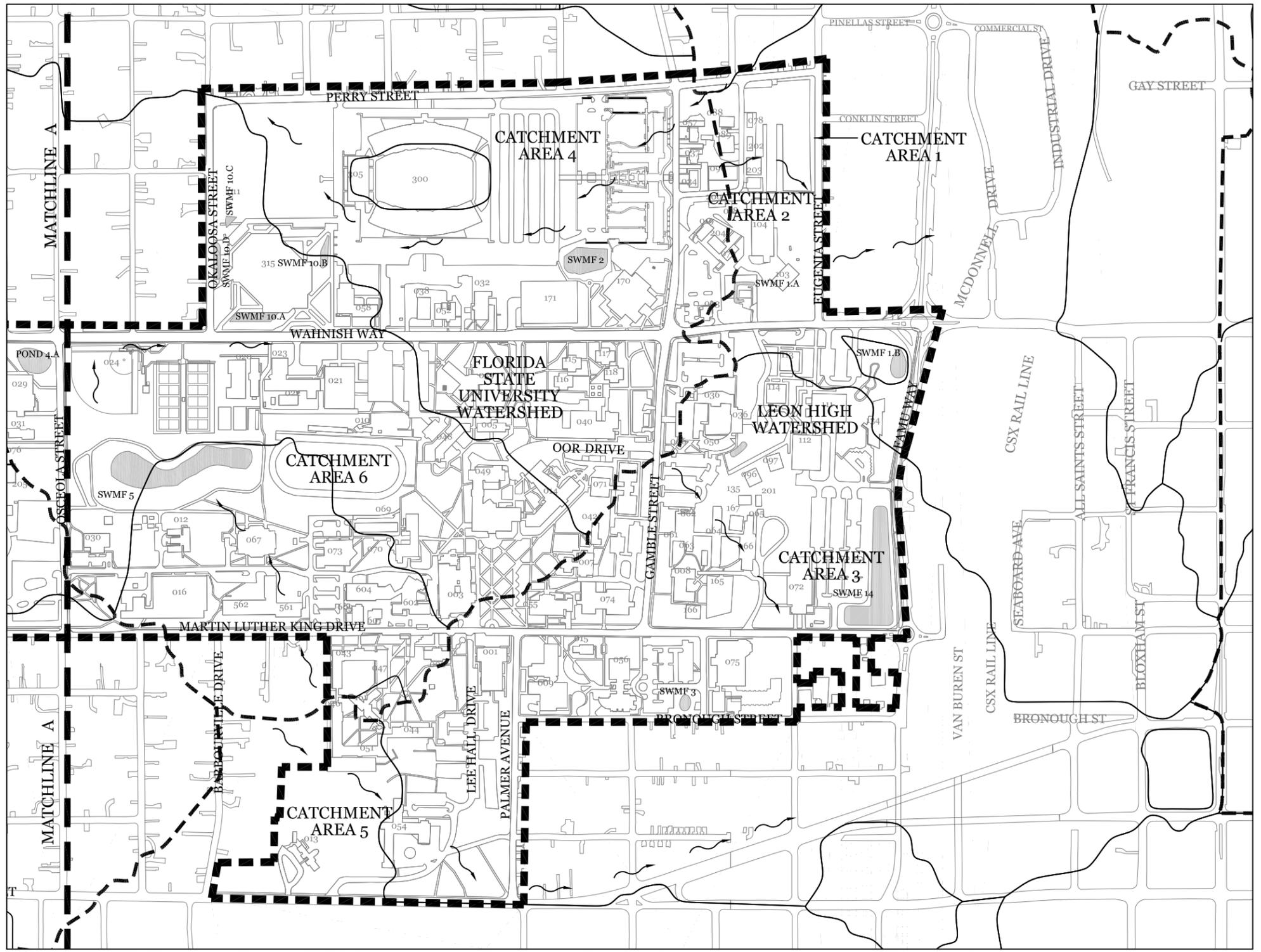
The Sustainability Institute was initiated in 2014 to advance the University's role in practicing, researching and promoting efforts for resource stewardship and efficiency. Among its many goals, this arm of the University is charged with discovering additional ways to reduce solid waste on campus and increase awareness about the importance of recycling.

f) An analysis of the terms of any agreements of the collection and/or disposal of University-generated solid waste, including allocated capacity and duration of service.

The current Development Agreement between the City and FAMU states that the City and University agree that sufficient solid waste capacity is available for the previous planning period which extended thru 2020. The City should evaluate the projected population of the University in this report to assess the solid waste capacity through 2025.

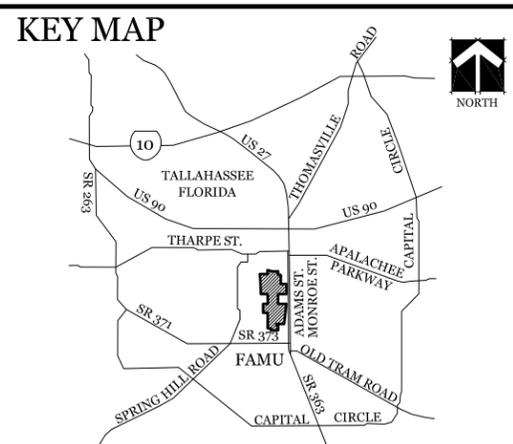


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|------------------------------------|---------------------------------------|---|--|--|--|
| 001 - LEE HALL | 022 - GAITHER OFFICE & CLASSROOM | 046 - CROPPER HALL | 073 - FOSTER-TANNER BAND BUILDING | 103 - PHYSICAL PLANT STORAGE-A | 204 - A&S ELECTRONIC CLASSROOM |
| 002 - JACKSON DAVIS HALL | 023 - L.S. BARTLEY ATHLETIC COMPLEX | 047 - DIAMOND HALL | 074 - DYSON PHARMACY | 104 - PHYSICAL PLANT TRANSITION CENTER | 205 - SCHOOL OF ARCHITECTURE |
| 003 - UNIVERSITY COMMONS | 024 - UNIVERSITY SOFTBALL DUGOUT | 048 - SAMPSON HALL | 075 - COLLEGE OF PHARMACY | 111-114 - BENJAMIN BANNER BLDGS A-D | 206 - POLICE STORAGE |
| 005 - N.B. YOUNG HALL | 025 - HAZARDOUS STORAGE | 049 - COLEMAN LIBRARY | 076 - SMALL ANIMAL LAB | 115-118 - PADDYFOOTE COMPLEX A-D | 300 - BRAGG STADIUM |
| 006 - S.B.I. / SOUTH WING | 026 - UNIVERSITY BASEBALL DUGOUT | 050 - S.B.I. / EAST WING | 078 - F&P | 124 - GIBBS COTTAGE | 305 - GALIMORE-POWELL ATHLETIC FIELD HOUSE |
| 007 - CARNEGIE CENTER | 029 - RECREATION CENTER | 052 - CENTRAL HEAT PLANT | 079 - UNIVERSITY PARKING SERVICES(M) | 131-133 - SCHOLARSHIP HOUSES | 315 - MULTI-PURPOSE GYMNASIUM |
| 008 - LUCY MOTEN | 030 - USDA TELECONFERENCE CENTER | 054 - FOOTE / HILYER ADMIN. CENTER | 080-082 - P.O.M. BUILDINGS A-C | 134 - CHILDCARE CENTER | 561-562 - PERRY-PAIGE BUILDING |
| 009 - WARE / RHANEY BUILDING | 031 - DAIRY BARN AND WINERY | 055 - JONES HALL | 083 - P.O. HAZARDOUS STORAGE-A | 135 - D.R.S. HEALTH | 605-608 - STUDENT UNION COMPLEX |
| 010 - TRACK & FIELD TOWER | 032 - M.S. THOMAS INDUSTRIAL ARTS LAB | 056 - SCIENCE RESEARCH FACILITY | 084 - P.O. HAZARDOUS STORAGE-B | 136-151 - POLKINGHORNE VILLAGE APTS. | 609 - S. PALMETTO COMMONS BLDG-E |
| 011 - ATHLETIC STORAGE BUILDING | 034 - CONTINUING EDUC. CONF. CENTER | 057 - CNTR FOR EQUITY & CULT. DIVERSITY | 086 - P.O. MECH. CHILLER | 152-160 - PALMETTO STREET APARTMENTS | 610 - S. PALMETTO COMMONS BLDG-F |
| 012 - GEORGE CONOLY GREENHOUSE | 035 - UNIVERSITY BAND STORAGE | 058 - HOWARD HALL | 087 - P.O.M. STORAGE | 161 - WILLIAM GRAY, JR. PLAZA | 701 - NEW D.R.S. GYMNASIUM |
| 013 - PRESIDENT'S HOUSE | 036 - S.B.I. / WEST & NORTH | 059 - GIBBS HALL | 088 - ATHLETICS ACADEMICS | 162-164 - PALMETTO HOUSING PHASE III | 702 - NEW D.R.S. ADMIN. BUILDING |
| 014 - TUCKER HALL | 037 - CONTINUING EDUCATION | 061-066 - OLD D.R.S. | 089 - LEARNING DEVELOPMENT EDUC. CENTER | 165-167 - OLD D.R.S. | 703 - NEW D.R.S. ELEMENTARY SCHOOL |
| 015 - HONOR HOUSE | 038 - CENTRAL CHILLED WATER PLANT | 067 - GENERAL CLASSROOM | 090 - (M) | 170 - STUDENT SERVICES CENTER | 704 - NEW D.R.S. CAFETERIA |
| 016 - SCHOOL OF ARCHITECTURE | 040 - SCHOOL OF JOURNALISM | 068 - FOSTER-TANNER MUSIC CENTER | 092 - TITTLE THREE-FGMP(M) | 171 - PARKING GARAGE I | 705 - NEW D.R.S. MIDDLE SCHOOL |
| 018 - MAIN GARAGE | 041 - UNIVERSITY ACTIVITIES CENTER | 069 - FOSTER-TANNER CERAMIC CENTER | 093 - UNIVERSITY PARKING SERVICES / INFO | 200 - EVENING AND WEEKEND COLLEGE | 706 - NEW D.R.S. HIGH SCHOOL |
| 017 - INTERNATIONAL LANGUAGE | 042 - COUNSELING CENTER | 070 - FOSTER-TANNER ART CENTER | 094 - FOSTER-TANNER OBSERVATION TOWER | 201 - D.R.S. CAREER | |
| 019 - ENVIRONMENTAL SCIENCES INST. | 043 - MCGUINN HALL | 071 - GORE EDUCATION COMPLEX | 096 - S.B.I. (M) I | 202 - COMM. DEVELOPMENT PROGRAM | |
| 021 - GAITHER GYMNASIUM | 044 - TRUTH HALL | 072 - D.R.S. GYM | 097 - S.B.I. (M) II | 203 - FAMU UNDERGRAD PROGRAM | |

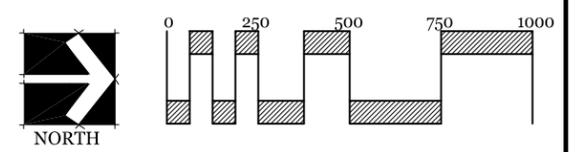


EXISTING DRAINAGE MAP (NORTH)

- LEGEND:**
- WATERSHED BOUNDARY
 - FLOW ARROW
 - CATCHMENT AREA BOUNDARY



2015-2025 MASTER PLAN
INVENTORY & ANALYSIS
FLORIDA A&M UNIVERSITY
TALLAHASSEE, FLORIDA
DATE: JANUARY 2018





- 001 - LEE HALL
- 002 - JACKSON DAVIS HALL
- 003 - UNIVERSITY COMMONS
- 005 - N.B. YOUNG HALL
- 006 - S.B.I. / SOUTH WING
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- 008 - LUCY MOTEN
- 009 - WARE / RHANEY BUILDING
- 010 - TRACK & FIELD TOWER
- 011 - ATHLETIC STORAGE BUILDING
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- 013 - PRESIDENT'S HOUSE
- 014 - TRUCKER HALL
- 015 - HONOR HOUSE
- 016 - SCHOOL OF ARCHITECTURE
- 018 - MAIN GARAGE
- 017 - INTERNATIONAL LANGUAGE
- 019 - ENVIRONMENTAL SCIENCES INST.
- 021 - GAITHER GYMNASIUM

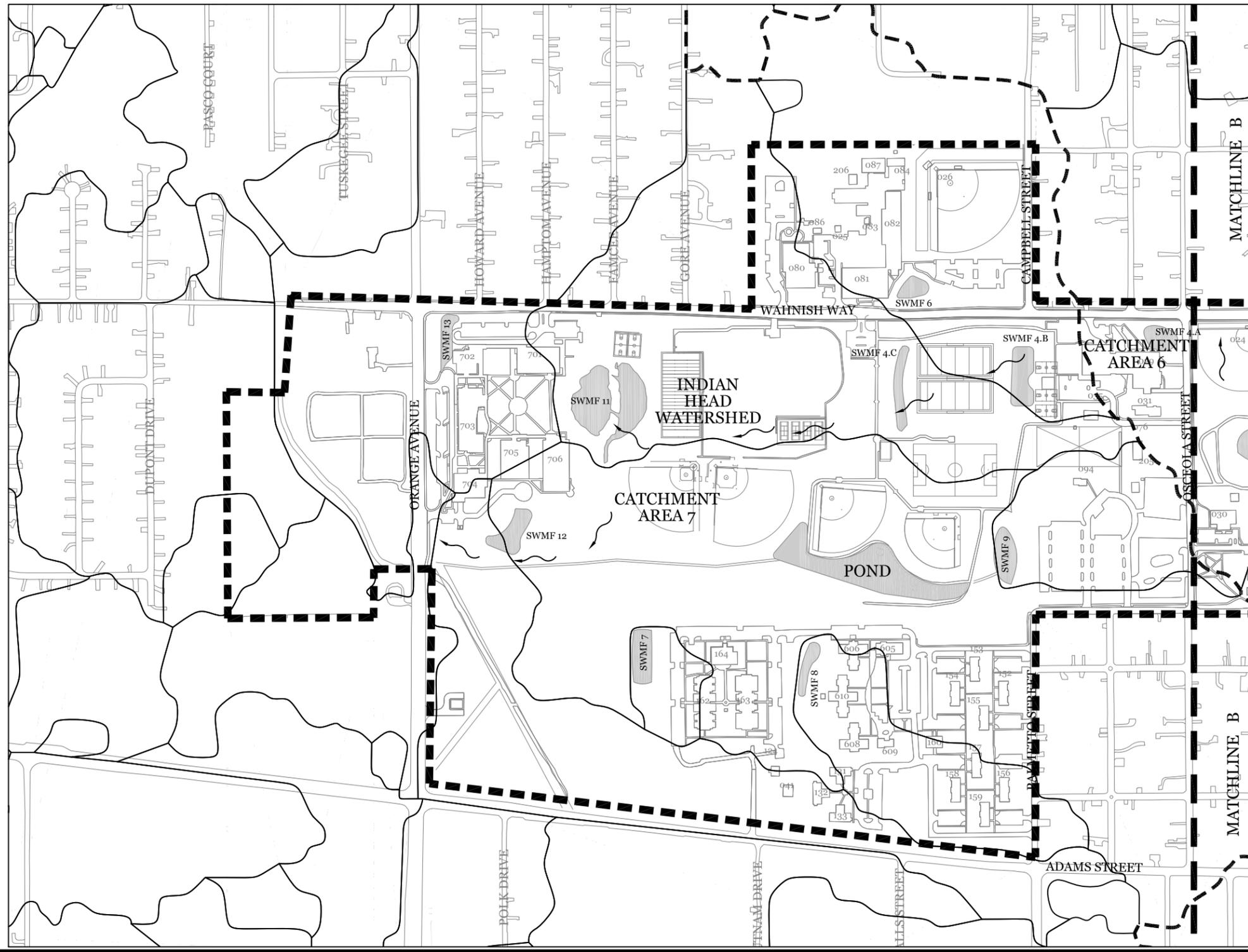
- 022 - GAITHER OFFICE & CLASSROOM
- 023 - L.S. BARTLEY ATHLETIC COMPLEX
- 024 - UNIVERSITY SOFTBALL DUGOUT
- 025 - HAZARDOUS STORAGE
- 026 - UNIVERSITY BASEBALL DUGOUT
- 029 - RECREATION CENTER
- 030 - USDA TELECONFERENCE CENTER
- 031 - DAIRY BARN AND WINERY
- 032 - M.S. THOMAS INDUSTRIAL ARTS LAB
- 034 - CONTINUING EDUC. CONF. CENTER
- 035 - UNIVERSITY BAND STORAGE
- 036 - S.B.I. / WEST & NORTH
- 037 - CONTINUING EDUCATION
- 038 - CENTRAL CHILLED WATER PLANT
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- 041 - UNIVERSITY ACTIVITIES CENTER
- 042 - COUNSELING CENTER
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- 044 - TRUTH HALL

- 046 - CROPPER HALL
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- 049 - COLEMAN LIBRARY
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- 073 - FOSTER-TANNER BAND BUILDING
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- 076 - SMALL ANIMAL LAB
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- 203 - FAMU UNDERGRAD PROGRAM

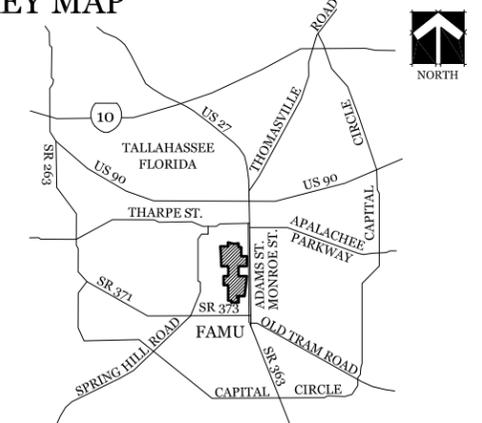
- 204 - A&S ELECTRONIC CLASSROOM
- 205 - SCHOOL OF ARCHITECTURE
- 206 - POLICE STORAGE
- 300 - BRAGG STADIUM
- 305 - GALIMORE-POWELL ATHLETIC FIELD HOUSE
- 315 - MULTI-PURPOSE GYMNASIUM
- 561-562 - PERRY-PAIGE BUILDING
- 601-604 - STUDENT UNION COMPLEX
- 605-608 - SOUTH PALMETTO BLDG A-D
- 609 - S. PALMETTO COMMONS BLDG-E
- 610 - S. PALMETTO COMMONS BLDG-F
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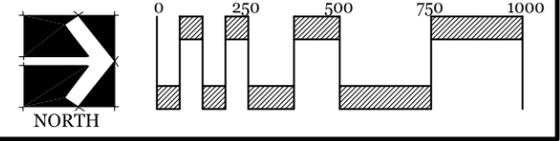
EXISTING DRAINAGE MAP (SOUTH)

- LEGEND:**
- WATERSHED BOUNDARY
 - FLOW ARROW
 - CATCHMENT AREA BOUNDARY

KEY MAP



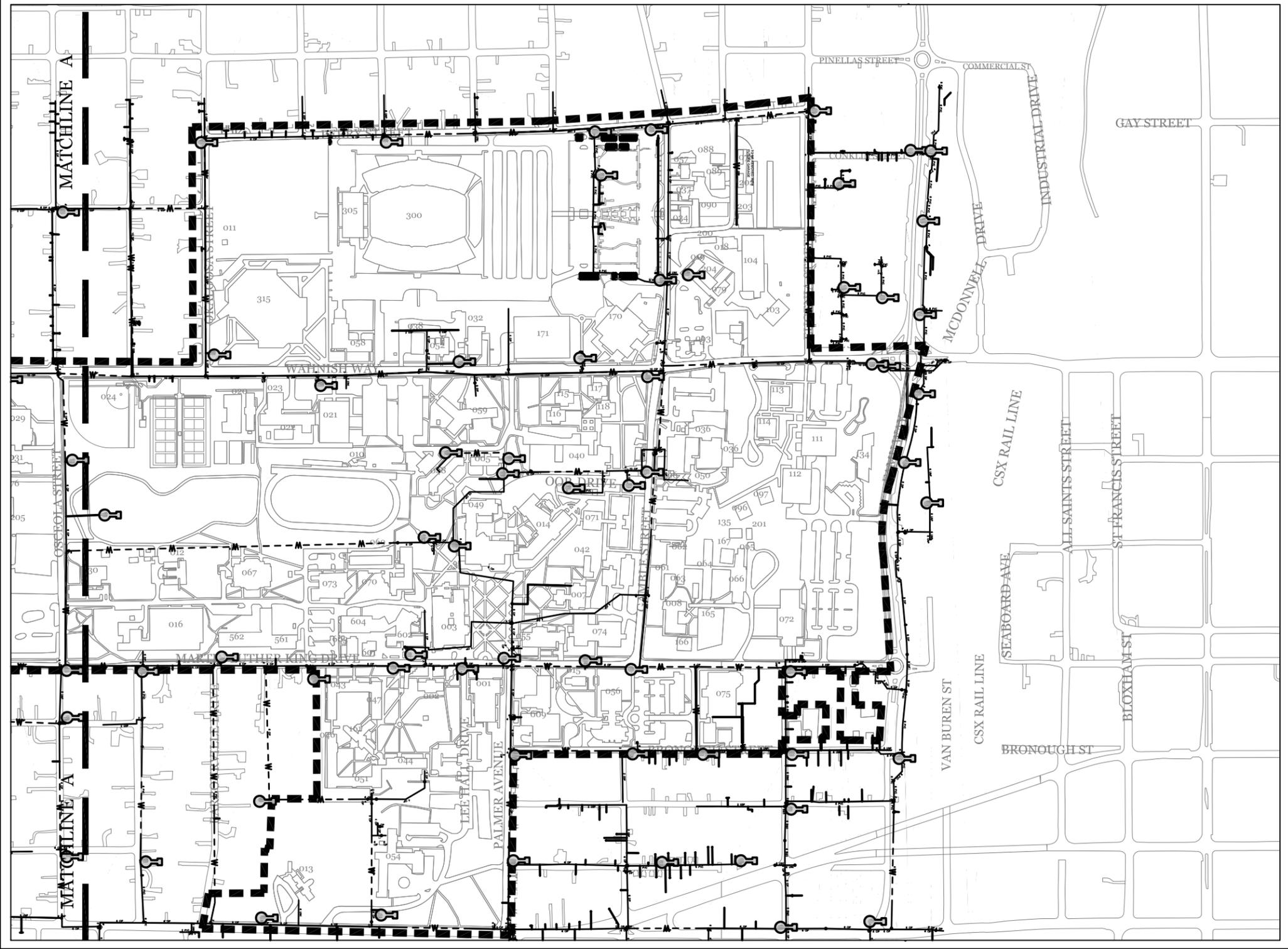
2015-2025 MASTER PLAN
INVENTORY & ANALYSIS
FLORIDA A&M UNIVERSITY
TALLAHASSEE, FLORIDA
DATE: JANUARY 2018



EXISTING WATER MAP (NORTH)



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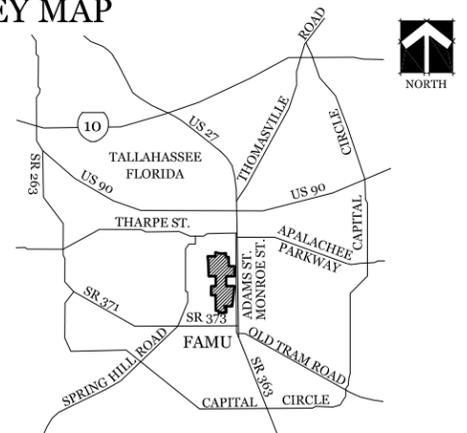


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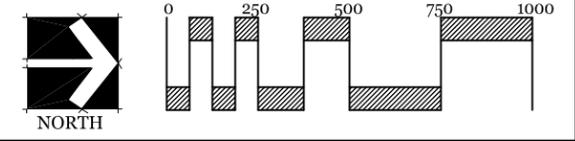
- EXISTING FIRE HYDRANT
- EXISTING WATER PIPE

SOURCE: FAMU WATER AND UTILITIES ANALYSIS, JANUARY 17, 2017 PREPARED BY GENESIS. SEE REPORT FOR ADDITIONAL INFORMATION.

KEY MAP



2015-2025 MASTER PLAN
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**FLORIDA A&M
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DATE: JANUARY 2018





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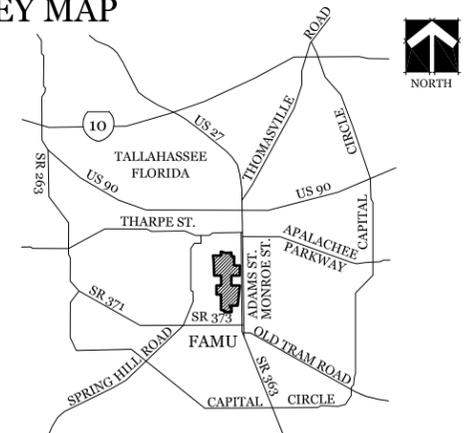
EXISTING WATER MAP (SOUTH)

LEGEND:

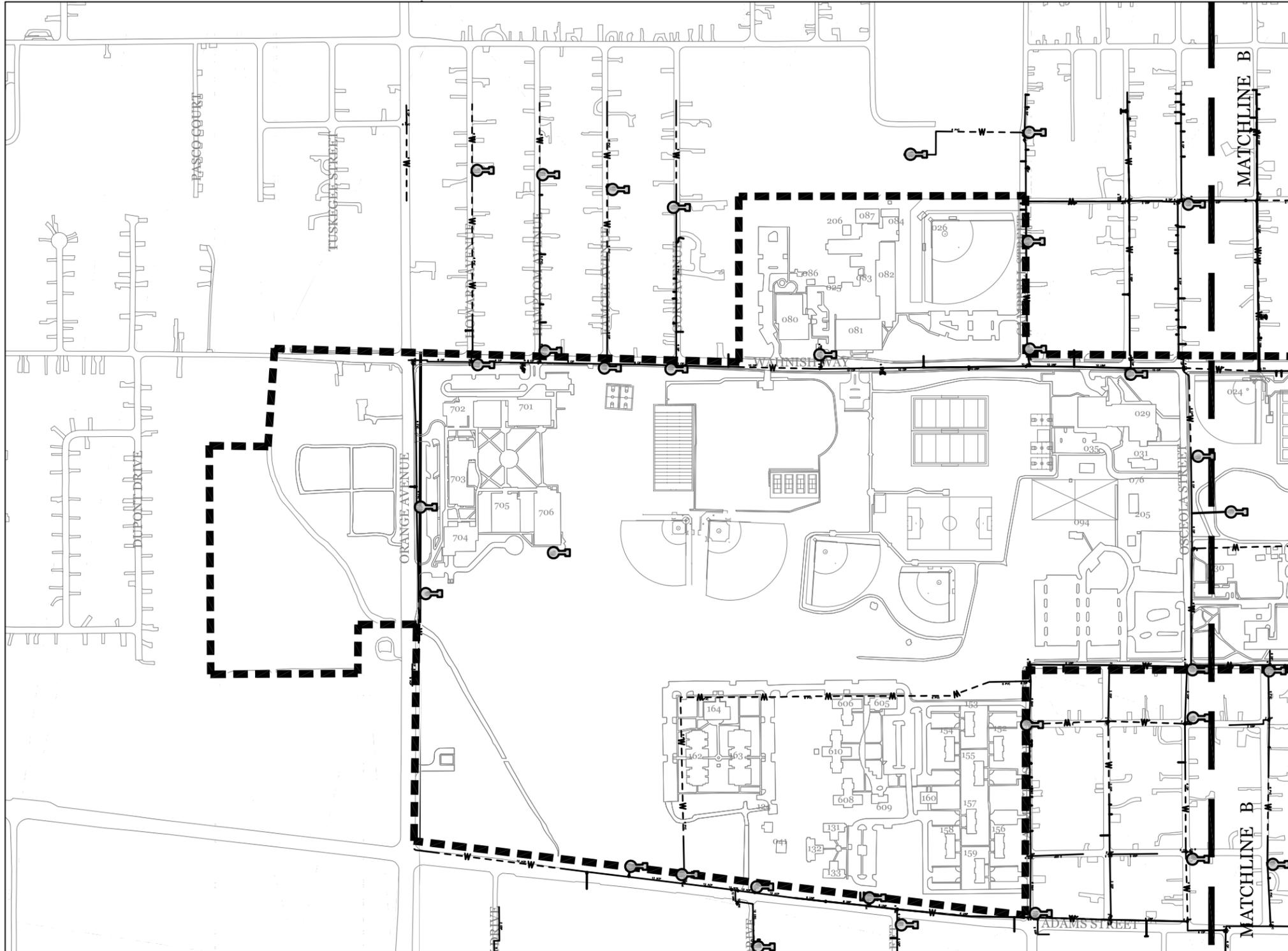
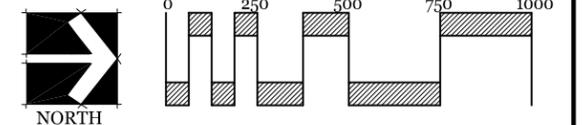
-  EXISTING FIRE HYDRANT
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SOURCE: FAMU WATER AND UTILITIES ANALYSIS, JANUARY 17, 2017 PREPARED BY GENESIS. SEE REPORT FOR ADDITIONAL INFORMATION.

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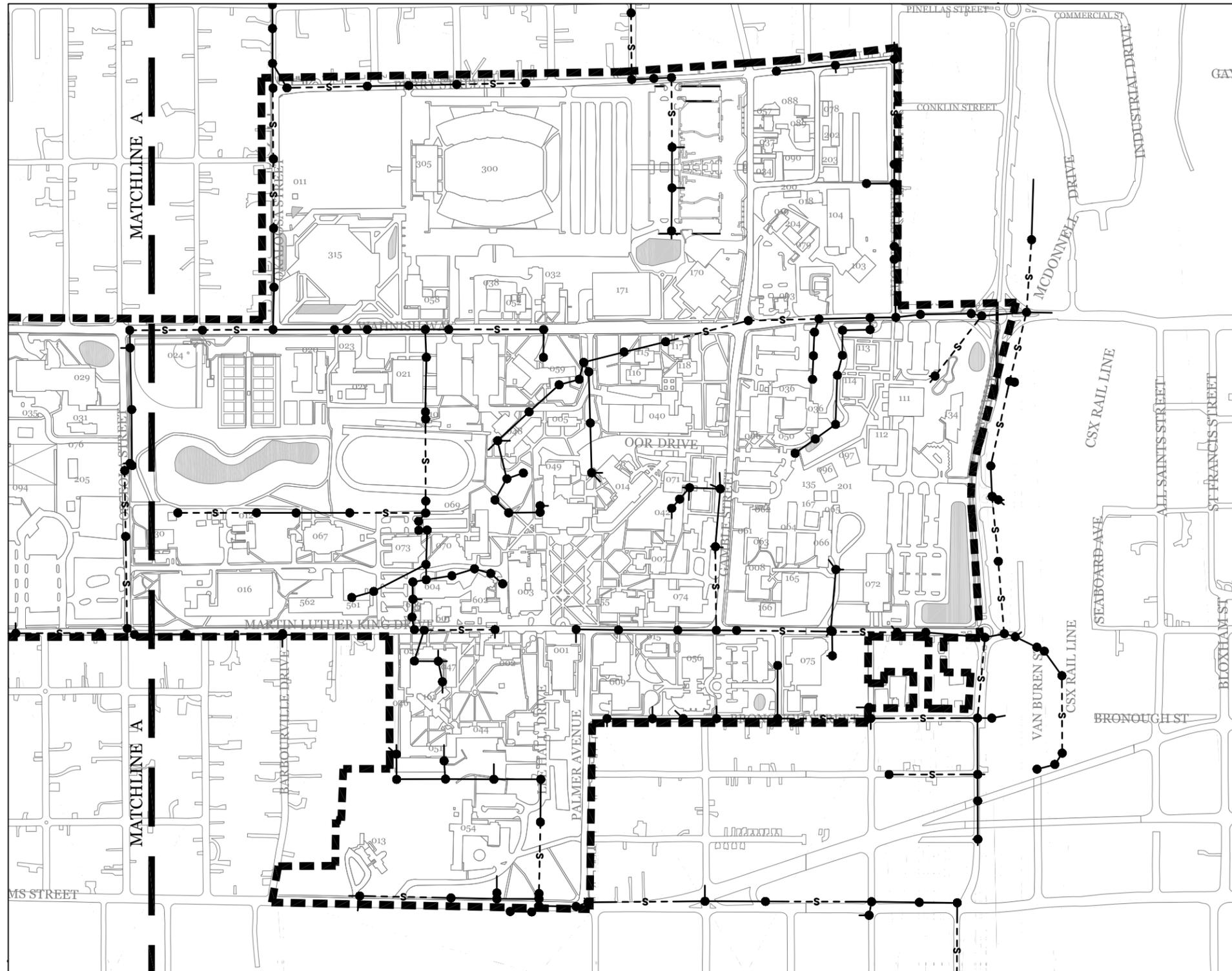
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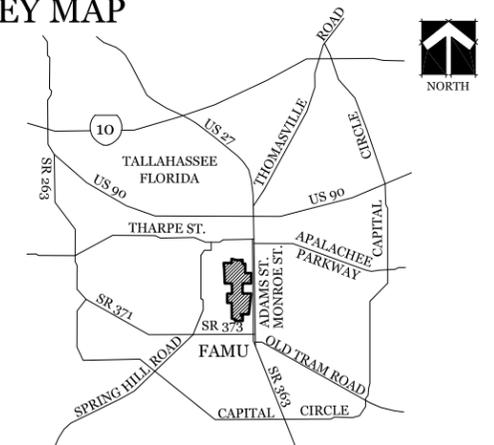
EXISTING SEWER MAP (NORTH)

LEGEND:

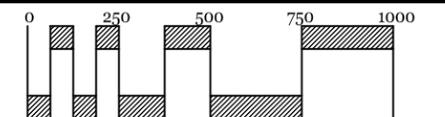
- EXISTING SEWER LINE
- EXISTING MANHOLE

SOURCE: FAMU WATER AND UTILITIES ANALYSIS, JANUARY 17, 2017 PREPARED BY GENESIS. SEE REPORT FOR ADDITIONAL INFORMATION.

KEY MAP



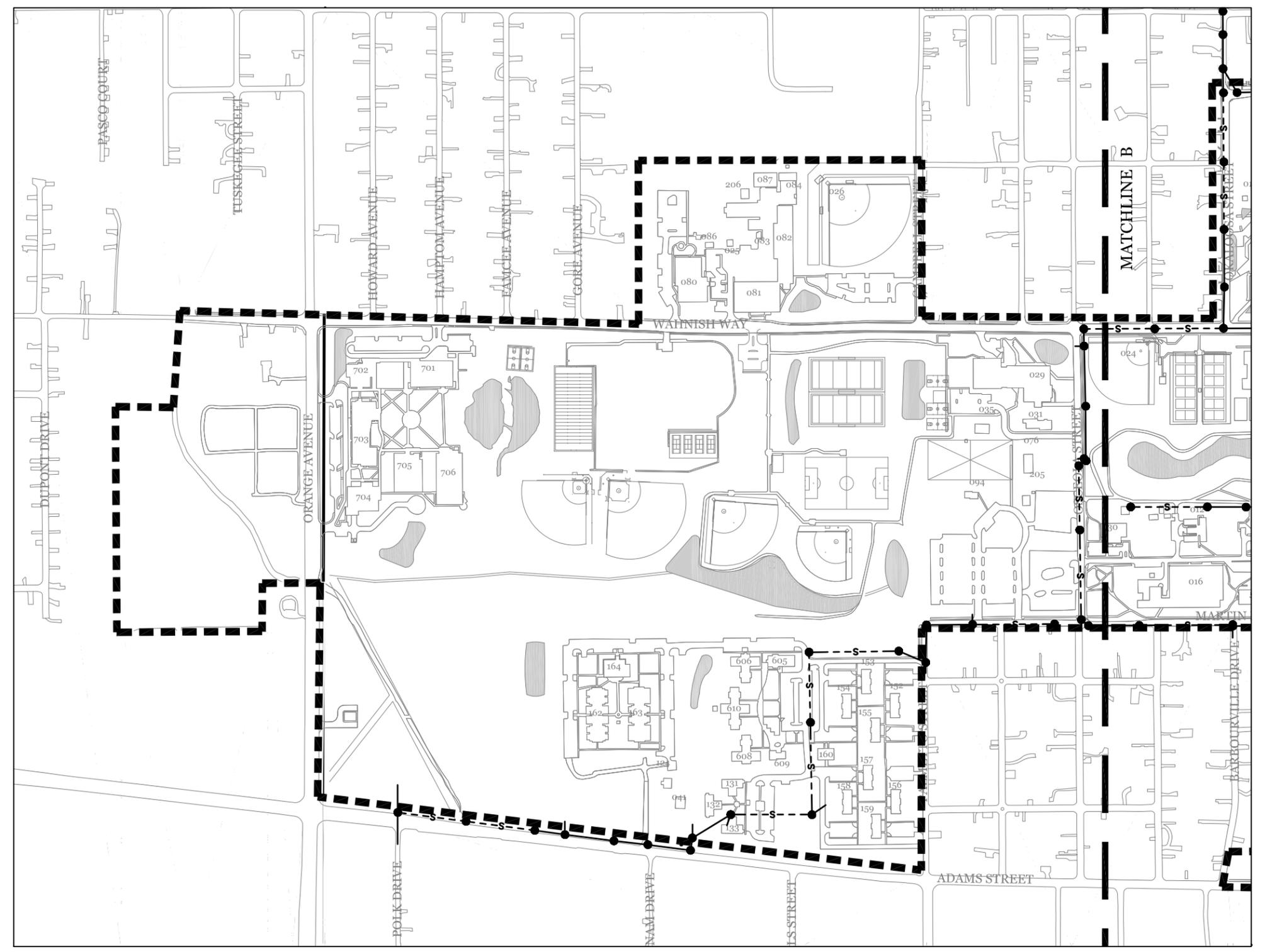
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EXISTING SEWER MAP (SOUTH)

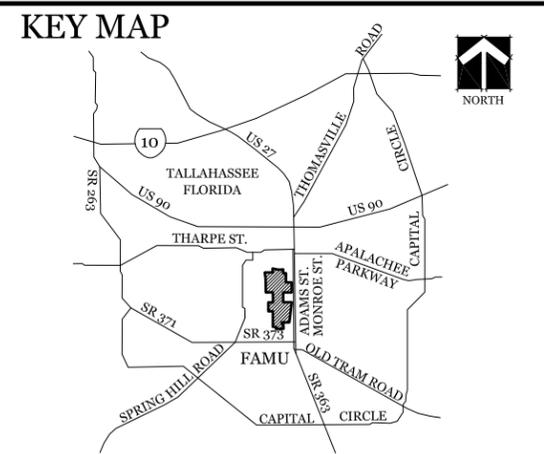


- | | | | | | |
|------------------------------------|---------------------------------------|---|--|--|--|
| 001 - LEE HALL | 022 - GATHER OFFICE & CLASSROOM | 046 - CROPPER HALL | 073 - FOSTER-TANNER BAND BUILDING | 103 - PHYSICAL PLANT STORAGE-A | 204 - A&S ELECTRONIC CLASSROOM |
| 002 - JACKSON DAVIS HALL | 023 - L.S. BARTLEY ATHLETIC COMPLEX | 047 - DIAMOND HALL | 074 - DYSON PHARMACY | 104 - PHYSICAL PLANT TRANSITION CENTER | 205 - SCHOOL OF ARCHITECTURE |
| 003 - UNIVERSITY COMMONS | 024 - UNIVERSITY SOFTBALL DUGOUT | 048 - SAMPSON HALL | 075 - COLLEGE OF PHARMACY | 111-114 - BENJAMIN BANNEKER BLDGS A-D | 206 - POLICE STORAGE |
| 005 - N.B. YOUNG HALL | 025 - HAZARDOUS STORAGE | 049 - COLEMAN LIBRARY | 076 - SMALL ANIMAL LAB | 115-118 - PADDYFOOTE COMPLEX A-D | 300 - BRAGG STADIUM |
| 006 - S.B.I. / SOUTH WING | 026 - UNIVERSITY BASEBALL DUGOUT | 050 - S.B.I. / EAST WING | 078 - F&P | 124 - GIBBS COTTAGE | 305 - GALIMORE-POWELL ATHLETIC FIELD HOUSE |
| 007 - CARNEGIE CENTER | 029 - RECREATION CENTER | 052 - CENTRAL HEAT PLANT | 079 - UNIVERSITY PARKING SERVICES(M) | 131-133 - SCHOLARSHIP HOUSES | 315 - MULTI-PURPOSE GYMNASIUM |
| 008 - LUCY MOTEN | 030 - USDA TELECONFERENCE CENTER | 054 - FOOTE / HILYER ADMIN. CENTER | 080-082 - P.O.M. BUILDINGS A-C | 134 - CHILDCARE CENTER | 551-562 - PERRY-PAIGE BUILDING |
| 009 - WARE / RHANEY BUILDING | 031 - DAIRY BARN AND WINERY | 055 - JONES HALL | 083 - P.O. HAZARDOUS STORAGE-A | 135 - D.R.S. HEALTH | 601-604 - STUDENT UNION COMPLEX |
| 010 - TRACK & FIELD TOWER | 032 - M.S. THOMAS INDUSTRIAL ARTS LAB | 056 - SCIENCE RESEARCH FACILITY | 084 - P.O. HAZARDOUS STORAGE-B | 136-151 - POLKINGHORNE VILLAGE APTS. | 605-608 - SOUTH PALMETTO BLDG A-D |
| 011 - ATHLETIC STORAGE BUILDING | 034 - CONTINUING EDUC. CONF. CENTER | 057 - CNTR FOR EQUITY & CULT. DIVERSITY | 085 - P.O. MECH. CHILLER | 152-160 - PALMETTO STREET APARTMENTS | 609 - S. PALMETTO COMMONS BLDG-E |
| 012 - GEORGE CONOLY GREENHOUSE | 035 - UNIVERSITY BAND STORAGE | 058 - HOWARD HALL | 087 - P.O.M. STORAGE | 161 - WILLIAM GRAY, JR. PLAZA | 610 - S. PALMETTO COMMONS BLDG-F |
| 013 - PRESIDENT'S HOUSE | 036 - S.B.I. / WEST & NORTH | 059 - GIBBS HALL | 088 - ATHLETICS ACADEMICS | 162-164 - PALMETTO HOUSING PHASE III | 701 - NEW D.R.S. GYMNASIUM |
| 014 - TUCKER HALL | 037 - CONTINUING EDUCATION | 061-066 - OLD D.R.S. | 089 - LEARNING DEVELOPMENT EDUC. CENTER | 165-167 - OLD D.R.S. | 702 - NEW D.R.S. ADMIN. BUILDING |
| 015 - HONOR HOUSE | 038 - CENTRAL CHILLED WATER PLANT | 067 - GENERAL CLASSROOM | 090 - (M) | 170 - STUDENT SERVICES CENTER | 703 - NEW D.R.S. ELEMENTARY SCHOOL |
| 016 - SCHOOL OF ARCHITECTURE | 040 - SCHOOL OF JOURNALISM | 068 - FOSTER-TANNER MUSIC CENTER | 092 - TITTLE THREE-FGMP(M) | 171 - PARKING GARAGE I | 704 - NEW D.R.S. CAFETERIUM |
| 018 - MAIN GARAGE | 041 - UNIVERSITY ACTIVITIES CENTER | 069 - FOSTER-TANNER CERAMIC CENTER | 093 - UNIVERSITY PARKING SERVICES / INFO | 200 - EVENING AND WEEKEND COLLEGE | 705 - NEW D.R.S. MIDDLE SCHOOL |
| 017 - INTERNATIONAL LANGUAGE | 042 - COUNSELING CENTER | 070 - FOSTER-TANNER ART CENTER | 094 - FOSTER-TANNER OBSERVATION TOWER | 201 - D.R.S. CAREER | 706 - NEW D.R.S. HIGH SCHOOL |
| 019 - ENVIRONMENTAL SCIENCES INST. | 043 - MCGUINN HALL | 071 - GORE EDUCATION COMPLEX | 096 - S.B.I. (M) I | 202 - COMM. DEVELOPMENT PROGRAM | |
| 021 - GATHER GYMNASIUM | 044 - TRUTH HALL | 072 - D.R.S. GYM | 097 - S.B.I. (M) II | 203 - FAMU UNDERGRAD PROGRAM | |

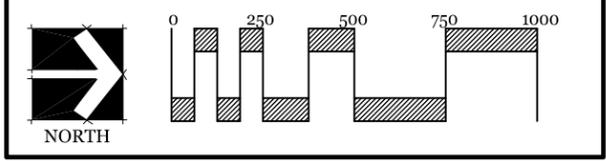


- LEGEND:**
- S- EXISTING SEWER LINE
 - EXISTING MANHOLE

SOURCE: FAMU WATER AND UTILITIES ANALYSIS, JANUARY 17, 2017 PREPARED BY GENESIS. SEE REPORT FOR ADDITIONAL INFORMATION.



2015-2025 MASTER PLAN
INVENTORY & ANALYSIS
FLORIDA A&M UNIVERSITY
TALLAHASSEE, FLORIDA
DATE: JANUARY 2018



11.0 Transportation Element

PURPOSE

The purpose of this element is four-fold: to plan for the University's motorized and non-motorized traffic circulation systems; to ensure provision of adequate transit, circulation and parking facilities to meet future University needs; to ensure the provision of adequate pedestrian and non-vehicular circulation facilities to meet the future needs of the University; and to coordinate the location and operation of these proposed university main campus activities with those planned for the surrounding context area by the City of Tallahassee.

TRANSIT, CIRCULATION AND PARKING SUB-ELEMENT

(1) DATA REQUIREMENTS. This sub-element shall be based, at a minimum, on the following data requirements:

a) An inventory of existing on-campus parking facilities, which identifies:

1. Spaces allocated to students, faculty, staff and visitors:

The Office of Parking Services at FAMU maintains a running record of the number of parking spaces available on-campus each term. The number of historical spaces is as follows (See Table 11.1A):

SY 2009/2010: 5,112 spaces in 64 lots/designated parking areas

SY 2014/2015: 5,072 spaces in 60 lots/designated parking areas

Although there are fewer identified lots in 2015 than in 2010, the number of spaces did not significantly decrease. A large number of those spaces were located at the Bronough/FAMU Way lot, which was closed due to construction. At the time of this inventory, the lot was being used for contractor staging and parking. Additional parking spaces were added or removed at existing locations. One of the expanded parking areas includes a resident lot at Truth Hall and a new lot was constructed at the Recreation Fields along Wahnish Way South. The total number of current parking spaces includes:

SY 2014/2015: 5,072 spaces in 60 lots/designated parking areas

Table 11.1a (at the conclusion of this element) identifies each parking area name, which driver/vehicle population(s) are allowed to use each facility, the number of spaces available per lot to each user population, and the type of access or security provided at each lot. The names of lots that are new since SY 2010 are shown in **bold typeface**. A light grey background appears where the number of spaces in a lot has changed since SY 2010.

The following summarizes important pieces of information provided in the table.

- 5,072 parking spaces available about Main Campus
- 793 spaces provided exclusively for student use
- 1,121 spaces provided exclusively for employee use:
- 55 spaces are metered for visitor use

Table 11.1A On-Campus Parking Lot Designation by Location and Amount

ID #	Name of Lot	Spaces	Designation	Students Spaces	Employee Spaces	Metered Spaces	General Spaces	Loading zone	Reserved (Assigned)	State Vehicles	mc spaces	Handicap spaces	Previous Space # or Designation	Designation or Space Change	
														Designation	New Locations
KK	Architecture	25	Employee/Signed		23				2				23		
O	Ardelia Court	15	Employee		10				3			2	Formerly Cont. Education		
Q	Banneker "A"	52	General				52								
S	Banneker "B"	7	General				3	1	1			2	Formerly "D", 15 spaces		
R	Banneker "C"	21	General				20					1	20 spaces		
X	Black Archives	45	Employee/Gated		37				4			4	47 spaces		
GGG	Booster House North	26	General				26								
HHH	Booster House South	60	General				60								
D	Bragg Stadium	1,067	General				1041					26	1046 spaces		
XX (1)	College of Pharmacy	16	Employee/Signed		14							2	13 spaces		
XX (2)	College of Pharmacy East	6	Employee/Signed		4			1				1	5 spaces		
DDD	Eugenia Lot	275	General				275								
T	FAMU/MLK lot	213	Employee/Student	105	106							2	Formerly FAMU High Gym lot		
HH	Foster Tanner	20	Employee/Signed		10			1	4		3	2	15 spaces		
Z	Front Hilyer (front)	48	Employee / Signed		10	6		1	30			1	37 spaces		
ZZ	Front Hilyer (rear)	43	Employee/Gated		35				4	2		2	35 spaces		
I	Gaither Gym	75	General				68		4			3	68 spaces		
A	Garage	410	General	199	200						3	8			
J	Gibbs Hall	75	Student & Employee/Signed	62	10						3		72 spaces		
GG	Hotel Lot	50	Employee & Student/Meter		20	8			20			2	49 spaces		
C	Howard Hall	20	ROTC/Students		10				10				23 spaces		
WW	Jackson-Davis	42	Student	40					2				7 spaces		
AAA	Journalism Rear	14	Employee/Signed		11			1	2						
DD	Lee Hall	54	General			5	12	1	36				102 spaces		
CC	Lee Hall Drive	31	Employee		25				5				27 spaces		
H	Lue S. Bartly	12	Employee/Signed		6				4			2	15 spaces		
FF	M.L.K. Street South	23	General				19		1			3	19 spaces		
B	M.S. Thomas	18	General				15					3	Employee/10 spaces		
SS	New Beginning Daycare	17	Visitor				17					2	15 spaces		
UU	New DRS School	155	General				143	1	4			7			
MM	BarberShop/Post Office Pinder Drive	9	Employee						9				10 spaces, gated		
V	Old DRS Main Lot	61	Employee / Meter		43	5			11			2			
U	Old DRS High Circle Rear	7	General	5								2			
M	Old P.O.M.	44	Employee/Signed		43							1			
Y	Orr Drive	69	Employee		43			1	18	2		5	74 spaces		
BBB	Osceola Gravel Lot (2)	166	General				166						165 spaces		
TT	P.O.M Property Dept.	4	General				3		1				Visitor/3 spaces		
F	P.O.M. North	85	Employee/Signed		82							3			
VV	P.O.M. Service	11	Service vehicles						11						
G	P.O.M. South	85	Employee/Visitor		80				1			4	100 spaces		
PP	Palmetto III	320	Student/General	155			154		2			9			
OO	Palmetto South	132	Student/General	61			61		3		3	4			
NN	Palmetto Street North	145	Student/General	69			69				3	4			
N	Parking Information Center	117	General			7	102				3	5	102 spaces		
JJ	Perry Paige	27	Employee/Signed		13				8		3	3			
II	S. M.L.K. Lot (Band lot)	289	General				279					10	279 spaces		
E	S. Wahnish Way	59	General/Meter			24	31		4				77 spaces		
W	S.B.I. East	46	Employee / Gated		30				12			4	49 spaces		
P	S.B.I. West	87	Employee / Gated		83							4	93 spaces		
K	Sampson/ Young	17	Student	13					2			2	21 spaces		
QQ	Science Research Lab	118	Employee / Gated		110			1	4			3	110 spaces		
EEE	Hansel Tookes Rec. Center (West)	2	General				1					1	7 spaces		
CCC	Hansel Tookes Rec. Center (East)	37	General				35					2	92 spaces		
RR	Student Services Center	11	Vendor/General				5	1	4			1	12 spaces		
LLL	Recreation Field (Adj. 2400)	27	General				25					2			
JJ	Al Lawson (Teaching Gym)	12	General				12								
LL	Teleconference Center	20	Employee/Signed		18							2			
YY	Truth Hall Resident	50	Student	50									Old Lee Hall lot		
AA	Truth Hall Employee	45	Employee		45								Student/Employee		
EE	Wheatley Hall	35	Student	34								1			
Total		5,072		793	1,121	55	2,694	10	226	4	21	149			

Source: Update provided by Wood+Partners, 2015
University Parking and Traffic Services (UPTS)

- 226 spaces are reserved and assigned to particular users
- 2,677 general spaces provided – no particular user population

Table 11.1B below shows the distribution of the Main Campus parking spaces among the several user populations, and the change in parking spaces available to each population since SY 2010. In distributing the shared-population parking spaces among its users, it was assumed that an equal number of spaces were accessible to and used by each population group, unless a detailed breakdown was provided by Parking Services.

Table 11.1B Distribution of Parking Spaces Among User Populations in Base Years

User Population	2010	2015	Change 2010 - 2015
Student	624	793	+169
Employee	1,210	1,121	-89
General	3,200	2,677	-523
Handicap	119	149	+30
State Vehicles	31	4	- 27
<i>Totals below include metered, loading, reserved, state, and motorcycle spaces not reflected in numbers above.</i>			
TOTAL	5,112	5,020	- 92

Sources: Update and analysis by Wood+Partners, Inc., 2015; FAMU Parking Services

Figures 11.1A-B: Parking Inventory Map (located at the end of the written portion of this element) identify the location of the campus’s 60 on-campus parking areas, using alphabetic identifiers that correlate to the ones presented in Table 11.1A.

2. Spaces available for special event parking (football, basketball, baseball, swimming, auditoriums, performing arts facilities, concert halls, conference centers, etc.) (map, narrative).

As in years past , FAMU normally designates the University Parking Garage (Building #171) for special event parking. The garage has a 410-space capacity. There are another 1,067 spaces available surrounding Bragg Stadium used for football games and special events, such as Convocation and Graduation ceremonies. The 117 spaces located at the Parking Information Center (NW quadrant of the Wahnish Way/Gamble Street intersection) are also available for these purposes. As per the University’s “Parking and Traffic Regulations” (effective August 1, 2002), UPTS is authorized to designate any lot for special use as deemed necessary.

3. Existing surface (including on-street parking) and multi-level parking facilities which identifies their location and capacity (map, tabular, narrative).

There is one multi-level parking facility on campus, the 410-space parking garage (Building #171), located on the west side of Wahnish Way and south of Gamble Street and the Student Services Facility (Building #170). All other parking is provided by means of surface spaces. Of the 4,610 surface parking spaces, 60 on-street spaces are designated along Wahnish Way, between Osceola Street and

Gamble Street, and 19 spaces are located parallel to Martin Luther King, Jr. Boulevard. The remaining 4,531 spaces are located in parking lots and along select internal circulation service drives.

Table 11.1A specifies the number of parking spaces in each lot or designated parking area, as well as any building or structure with which the parking spaces may be associated. The physical location of all designated parking areas within the FAMU Main Campus are shown in Figures 11.1 A-B.

b) An inventory or estimate of the amount of student, faculty and staff parking off campus, and a description of parking locations.

On-street is available in the immediate area, but still off campus. Table 11.2 indicates the approximate number of off-campus spaces used by University students, faculty and staff. The table also indicates the location of these spaces and the general length of available parking, as individual spaces are not marked.

Table 11.2 Off-Campus Parking Inventory

Location	Description	Length (LF)	Spaces	Notes
North-South				
<i>North side of Campus</i>				
FAMU Way	400-500	2575	90	North side in 400 block; Both sides in 500 block
<i>East side of Campus (east of Wahnish Way)</i>				
South Adams St.	1600-1900	856	43	South side of street only
Hudson St.	1400-1500	553	28	North side of street only
Melvin St.	1300-1500	670	34	North side of street only
Bronough St.	1300-1500	864	36	North side in 1300 block; South side 1400-1500
Broad St.	1300-1500	610	30	Both sides of street
Owens St.	2000-2100	948	47	Both sides of street
MLK, Jr. Blvd.	2000	274	14	North side of street only
MLK, Jr. Blvd.	1400	211	11	North side of street only
<i>West side of Campus (west of Wahnish Way)</i>				
Perry St.	1900-1300	1352	68	South side of street only
Conklyn St.	1100	585	29	Both sides of street
Main St.	2000	261	13	South side of street only
East-West				
<i>East side of Campus (east of Wahnish Way)</i>				
Jakes & Patterson St.	100-200	303	15	East side parking on 100 block, West side parking on 200 block
Harrison St.	100-200	295	15	West side of street only
Barbourville Dr.	100-300	458	24	East side of street only

Table 11.3B Crash Data Chronological Order (January 1, 2009 - December 31, 2009)
FAMU Master Plan Update, 2015-2025

#	Date	Time	HSMV Report #	Intersection, Midblock or Parking Lot?	Location (main road)	(side road)	Bike/Ped?	Alc./Drugs	Injury?	Estimated Property Damage	Day/Night	Wet/Dry	Crash Type *	Crash Cause	Description
1	1/5/2009	10:11 AM	70018446	P	M. L. King Blvd.	Young Street	N	N	N	\$ 2,500.00	day	dry	Parking	Parking - Exiting	V1 Exiting parking SB on ML King, hit V2 SB vehicle
2	1/6/2009	9:14:00	70018447	P	ML King	Osceola Street	N	N	N	\$ 2,000.00	day	dry	Parking	Parking - Careless Driving	Attempting to park, V1 hit V2 parked
3	1/6/2009	18:34:00	72874750	P	Palmer Avenue	150' w/o Adams St.	N	N	N	\$ 4,000.00	day	dry	Parking	Parking - Foote Hilyer Gravel Lot	Struck V2, V1 Backing improperly from parking
4	1/8/2009	12:38 PM	70018449	I	ML King	Osceola Street	N	N	N	\$ 100.00	day	dry	Head on	Careless driving	V1 SB collided into V2 NB stopped at stop sign for Osceola, V1 left scene
5	1/8/2009	5:46 PM	70018448	M	Osceola Street	150' w/o ML King	N	N	N	\$ 250.00	day	dry	Rear end	Careless driving	V1 EB into vehicle traveling EB due to traffic congestion
6	1/13/2009	7:50 AM	70018450	I	Gamble Street	ML King	N	N	N	\$ 350.00	day	wet	Fixed object	No Improper driving	V1 SB on ML King turning left onto Gamble and struck curb
7	1/21/2009	12:29 PM	70018451	P	Wahnish Way	100 s/o Gamble St	N	N	N	\$ 1,800.00	day	dry	Parking	Parking - Careless driving	V2 leaving parking space in parking garage, V1 hit bumper and left scene
8	1/22/2009	12:20 PM	70018452	P	Hudson Street	200 w/o Palmer Ave.	N	N	N	\$ 1,000.00	day	dry	Parking	Careless driving	V2 leaving parking space in Lee Hall gravel lot, V1 collided with bumper& left scene, 2 witnesses
9	1/27/2009	12:30 PM	70018453	P	Gamble Street	100' n/o Wahnish	N	N	N	\$ 900.00	day	dry	Parking	Improper backing	V1 backed out of parking space (in lot) into V2 who had backed out of parking space and in the road
10	1/28/2009	2:30 PM	70018454	I	Wahnish Way	50' w/o Gamble	Ped	N	Possible	-	day	dry	Pedestrian	See desc.	V1 NB on Wahnish Way, Ped crossing outside of crosswalk area when hit, Ped walked into V1 path
11	2/1/2009	5:53 PM	70018455	M	Wahnish Way	100' s/o Gamble	N	N	N	\$ 500.00	day	dry	Rear end	Careless driving	V2 stopped SB due to traffic, V2 also SB collided with V1
12	2/2/2009	12:25 PM	70018456	P	Palmer Avenue	50' w/o Adams Street	N	N	N	\$ 1,000.00	day	dry	Parking	Parking - Failed to yield ROW	V1 in Lee Hall parking lot turning into parking space, V1 hit V2 also trying to turn into parking space
13	2/6/2009	9:45 AM	70018457	M	Gamble Street	100' w/o Wahnish Way	N	N	N	\$ 200.00	day	dry	Fixed object	Loading - improper backing	V1 backing out of student service center loading dock and collided with concrete safety pole
14	2/12/2009	10:00 PM	70018458	P	Wahnish Way	500' n/o Okaloosa Street	N	N	N	\$ 1,000.00	dark - street light	dry	Parking	Parking - Gaither Gym	V2 parked in parking lot, V1 struck rear bumper leaving scene of crash
15	2/16/2009	12:20 PM	70017094	M	Wahnish Way	600' n/o Okaloosa Street (Gaither Gym parking lot)	Ped	N	N	-	day	dry	Pedestrian	Failed to Yield ROW	Ped crossing wahnish way EB in crosswalk, V1 turned south onto wahnish way from Gaither Gym parking lot (Ped reported accident an hour after occurred, no injuries - hit on ankle)
16	2/16/2009	2:30 PM	8888000	P	Palmer Avenue	100' w/o Adams Street	N	N	N	-	day	dry	Parking	Parking - Improper backing	V1 backing out of Lee Hall parking lot, V2 traveling thru parking lot, V1 hit V2
17	2/18/2009	7:39 PM	70018460	M	Palmetto Street	2500' w/o Adams Street	N	N	N	\$ 3,200.00	dark - street light	wet	Head on	Service drive - Careless driving	V1 EB on Palmetto South Service Drive, V2 WB on service drive, in curve V1 hit V2 bumper
18	2/20/2009	2:00 AM	70018461	M	Adams Street	50' s/o Palmer Avenue	N	?	?	\$ 8,000.00	dark - street light	dry	Head on/Parked car	See desc.	V1 left scene of crash, V2 parked properly on Adams Street facing South, V1 collided with rear of V2
19	2/23/2009	8:30 PM	70017093	P	Wahnish Way	200' n/o Okaloosa Street	N	N	N	\$ 1,500.00	dark - street light	dry	Parking	Following too closely	V1 WB on Howard Hall Drive, V2 stopped facing South waiting for parking space, V1 turned into V2
20	2/24/2009	4:47 PM	70018462	P	Wahnish Way	200' n/o Gamble	N	N	N	\$ 230.00	day	dry	Parking	Parking - improper backing	FAMU parking garage, V1 backing WB out of parking space, hit V2 traveling NB
21	3/4/2009	3:15 PM	70018463	P	Perry Street	200' e/o Liberty Street	N	N	N	\$ 200.00	day	dry	Parking	Parking - Improper backing	Bragg Stadium, V1 backing NB out of parking space, hit V2 traveling EB
22	3/6/2009	10:00 AM	70018464	P	Bronough Street	Palmer Street	N	N	N	\$ 200.00	day	dry	Parking	Parking - See description	V1 improperly parked facing NB on west curb/shoulder of Bronough, V2 parked facing SB, V1 brakes gave out moved downhill to V2 front end
23	3/6/2009	1:30 PM	70018465	P	Palmetto Street	400' e/o ML King	N	-	-	\$ 1,000.00	day	dry	Parking	Parking - See description	V1 collided with rear of V2 (parked properly in Palmetto S. Apt.), left scene
24	3/17/2009	12:37 PM	70018466	M	Wahnish Way	100' s/o Gamble	N	N	N	\$ -	day	dry	Parking	Careless driving	V1 NB on Wahnish Way, V1 same direction in front of V2 slowed for ped & vehicle at intersection, V1 collided into rear of V2
25	3/18/2009	9:55 AM	70018467	P	Wahnish Way	200' w/o Gamble	N	N	N	\$ 4,000.00	dark - no light	dry	Parking	Parking - Improper backing	V1 backing WB out of Wahnish Way parking garage, V1 hit front bumper when parking of V2
26	3/24/2009	11:30 AM	70018468	M	ML King	70' s/o Palmer Ave.	N	N	N	-	day	dry	Side Swipe	Improper backing	V1 backing WB and hit V2 side door, V2 parked doing landscaping work for Lee Hall
27	3/24/2009	2:14 PM	70018470	P	Wahnish Way	100' n/o Gamble Street	N	-	-	\$ 500.00	day	dry	Parking	Parking - See description	V2 properly parked facing NB, V1 parked next to V2 and when exiting space hit V2, left scene
28	3/24/2009	9:45 PM	70018469	P	ML King	500' n/o Barbourville Drive	N	N	N	\$ 1,000.00	dark - street light	dry	Parking	Parking - Improper backing	V1 backing WB in Hotel parking lot, V2 facing south waiting for parking violation assistance, V1 hit V2
29	3/26/2009	8:57 AM	70018471	P	Palmetto Street	100' s/o Adams Street	N	-	-	\$ 500.00	unknown	dry	Parking	Parking - See description	V1 struck V2 in north parking lot of Phase 3 Housing area, V2 facing north, V1 left scene
30	3/26/2009	4:01 PM	70018472	P	ML King	800' s/o Osceola Street	N	N	N	-	day	wet	Parking	Parking - Careless Driving	V1 EB in ML King parking lot attempting to flee V2 (police unit), V2 stopped SB, V1 collided with V2
31	3/27/2009	8:15 AM	70018473	I	Wahnish Way	25' Okaloosa Street	N	N	N	\$ 1,600.00	day	dry	Right angle	Careless driving	V1 NB on Wahnish, V2 stopped waiting to turn left on Okaloosa Street, V1 collided with V2
32	3/28/2009	5:46 AM	70018474	P	Wahnish Way	2500' n/o Okaloosa Street	N	N	N	\$ 55.00	dark - street light	wet	Parking	Parking - improper backing	V1 backing NB out of Gibbs Hall parking lot space, V2 properly parked facing north hit by V1
33	3/29/2009	10:15 PM	70018475	M	Wahnish Way	300' n/o Okaloosa Street	N	N	N	\$ 4,500.00	dark - street light	dry	Head on	Careless driving	V1 SB on Wahnish near FAMU teaching Gymnasium, V2 SB began passing V1 on left, V1 attempted U-turn and hit V2 on right front
34	3/31/2009	9:30 AM	70018476	P	Wahnish Way	500' s/o Gamble Street	N	N	N	\$ 500.00	day	dry	Parking	Parking - improper backing	V1 backing NB in parking garage, V2 stopped facing WB, V1 hit V2
35	4/1/2009	12:26 PM	70018477	M	Perry Street	150' s/o Gamble Street	N	N	N	\$ 350.00	day	wet	Right angle	Careless driving	V1 SB on Perry preparing to turn left out of Bragg Stadium parking lot, V2 at stop sign facing WB, V1 initiated turn early and hit V2
36	4/2/2009	11:37 AM	70018478	P	Wahnish Way	800' s/o Gamble Street	N	N	N	\$ 600.00	day	wet	Parking	Parking - driving wrong side	V1 made 3 point turn traveling WB on one-way only in 2nd floor of FAMU parking garage, V2 SB from 3rd floor, V1 hit V2
37	4/3/2009	9:36 AM	70018479	P	Wahnish Way	300' w/o Gamble Street	N	N	N	\$ 450.00	day	dry	Parking	Service drive - see desc.	V1 parked in Gibbs Hall service drive, V2 SB on service drive and hit V1 when opened his side door
38	4/3/2009	3:01 PM	70018480	M	ML King	650' n/o Barbourville Drive	N	N	N	\$ 9,000.00	day	dry	Side swipe	No Improper driving	V1 parked SB on ML King near Student Career Center, V2 (Star metro bus) was SB, V1 opened door to thru meter gate and hit V2
39	4/4/2009	2:21 PM	70018481	P	Wahnish Way	2000' w/o Okaloosa Street	N	-	-	\$ 700.00	day	dry	Parking	Parking - obstructing traffic	V1 backing NB from HC space in Gather Gym parking lot, V2 facing N properly parked, hit by V1
40	4/7/2009	8:31 AM	70018482	I	Okaloosa Street	10' w/o Wahnish Way	N	N	N	\$ 1,200.00	day	dry	Right angle	Careless driving	V1 NB on wahnish way executing a left turn WB onto Okaloosa, V2 executing right turn from Okaloosa, V1 hit V2
41	4/7/2009	5:45 PM	70018483	M	Osceola Street	500' w/o ML King	N	N	N	\$ 1,000.00	day	dry	Right angle	Careless driving	V1 turning left from Osceola Street n/o Pinder Street, V2 stopped facing S at corner, V1 hit V2
42	4/8/2009	11:52 AM	70018484	P	Wahnish Way	150' s/o Gamble Street	N	N	N	\$ 500.00	day	dry	Parking	Parking - see description	V1 hit left side of V2, V2 properly parking on east side of 3rd floor of parking garage, V1 left scene
43	4/10/2009	9:19 AM	70018486	I	Wahnish Way	Gamble Street	N	N	N	\$ 4,000.00	day	dry	Right angle	Careless driving - Right angle	V2 SB on wahnish preparing to turn left on Gamble, V1 traveling north, V2 had left hand turn arrow V1 hit right side of V2
44	4/17/2009	1:25 PM	70018487	I	Wahnish Way	65' s/o Gamble Street	Ped	N	Possible	-	day	dry	Pedestrian	See desc.	Ped crossing Wahnish Way and struck by V2 traveling north, injured foot (no medical assistance),

#	Date	Time	HSMV Report #	Intersection, Midblock or Parking Lot?	Location (main road)	(side road)	Bike/Ped?	Alc./Drugs	Injury?	Estimated Property Damage	Day/Night	Wet/Dry	Crash Type *	Crash Cause	Description
45	4/20/2009	12:29 AM	70018488	P	Wahnish Way	150' n/o Okaloosa Street	N	N	N	\$ 2,500.00	dark - street light	dry	Fixed object	Parking - Careless Driving	V1 backing out of parking, laptop fell on floor and accidentally hit gas versus brake, jumped curb and hit tree
46	4/20/2009	3:00 PM	70018489	M	Palmer Avenue	300' w/o Adams Street	N	N	Possible	\$ 850.00	day	dry	Rear end	Parking - See description	V1 in gravel parking lot near Lee Hall (Palmer St) facing north waiting to park, V2 stopped in front of V1, V1 rolled from incline into V2
47	4/26/2009	2:10 AM	70018491	M	ML King	1000' n/o Barbourville Drive	N	N	N	\$ 4,000.00	dark - street light	dry	Side Swipe	No parking zone	V1 facing north on ML King in No Parking Zone, V2 NB collided into left side of V1
48	4/26/2009	2:50 PM	70018492	I	Wahnish Way	75' s/o Gamble Street	N	N	N	\$ 3,000.00	day	dry	Rear end	Careless driving	V1 NB on Wahnish, V2 stopped facing south, V3 facing south passengers to exit, V1 hit V2, V2 hit V3
49	4/30/2009	1:52 PM	70018493	P	Gamble Street	2000' w/o ML King Blvd.	N	N	N	\$ 1,000.00	day	dry	Parking	Parking - improper backing	V1 SB in FAMU DRS parking lot, V2 SB behind, V1 backed into V2
50	4/8/2009	9:30 PM	70018485	I	ML King	Palmer Avenue	N	N	N	\$ 2,025.00	dark - street light	dry	Side Swipe	Careless driving	V1 traveling SB attempting to turn left onto Palmer heading east, V2 WB turning right to head north, V1 hit V2
51	5/1/2009	9:30 AM	70018494	M	ML King	500' s/o Palmer Avenue	N	N	N	\$ 2,000.00	day	dry	Fixed object	Careless driving	V1 in oversized vehicle NB on ML King (Red Hall and Star Metro terminal), upper right of truck hit surveillance camera at bus terminal
52	5/14/2009	2:55 PM	70018495	P	Wahnish Way	200' s/o Gamble Street	N	-	-	\$ 500.00	day	dry	Parking	Parking - See description	V1 in parking garage left scene after hitting V2 parked properly
53	5/29/2009	10:55 AM	70018496	P	Pershing Street	100' w/o Bronough Street	N	N	N	\$ 650.00	day	dry	Parking	Parking - Improper turn	V1 hit V2 and left scene, V2 parked in parking lot
54	5/19/2009	1:30 PM	70018497	P	Harrison Street	Bronough Street	N	-	-	\$ 350.00	day	dry	Parking	Parking - See description	V2 parked properly and hit in Booster gravel parking lot, V1 left scene
55	5/19/2009	2:40 PM	70018498	M	Gamble Street	700' w/o ML King	N	N	N	-	day	dry	Fixed object	Improper backing	V1 backing into a service area and collided with street light
56	5/24/2009	10:35 AM	72873500	P	Gamble Street	2000' e/o Wahnish Way	N	N	N	\$ 1,500.00	day	dry	Parking / Fixed object	Parking - improper backing	V1 backing WB in SBI East parking lot and backed into curb protection pole
57	5/22/2009	9:17 PM	70017092	M	Osceola Street	500' w/o ML King	N	N	Possible	\$ 200.00	dark - street light	dry	Rear end	Careless driving	V1 WB, V2 WB, V1 hit V2
58	5/29/2009	1:29 PM	72873501	M	Palmetto Street	2000' w/o Adams Street	N	N	N	\$ 700.00	day	dry	Side Swipe	Careless driving	V1 stopped on service drive near Palmetto S. Bldg, V2 SB on service drive, V1 hit V2
59	6/2/2009	1:25 PM	72873502	P	Perry Street	50' n/o Gamble Street	N	N	N	\$ 350.00	day	dry	Parking	Parking - Careless Driving	V1 backing into parking space in Ardilla Court and backed into front of parked V2
60	6/4/2009	10:00 AM	72873503	P	Wahnish Way	100' w/o Gamble Street	N	N	N	\$ 1,500.00	day	wet	Parking / Fixed object	Parking - improper backing	V1 WB stopped in FAMU welcome center parking lot, V2 & V3 facing south, V1 backing into fixed yellow parking marker and continued across sidewalk into directional street sign, and into V2 into V3
61	6/6/2009	2:49 PM	72873504	P	ML King	500' n/o Barbourville Drive	N	N	N	\$ 2,000.00	day	dry	Parking	Parking - improper backing	V1 backing WB in Hotel parking lot, V2 entered south entrance and hit by V1
62	6/8/2009	2:15 PM	72873505	P	Wahnish Way	500' s/o Gamble Street	N	-	-	\$ 500.00	day	dry	Parking	Parking - See description	V1 hit bumper of V2 and left scene in FAMU parking garage
63	6/10/2009	2:07 PM	72873506	M	ML King	75' n/o Palmer Avenue	N	N	N	\$ 510.00	day	dry	Side Swipe	Obstructing traffic	V1 stopped (not occupied) facing south on ML King, V2 traveling south tried to pass V1 and struck V1
64	6/15/2009	11:21 AM	72873507	M	Palmer Avenue	150' w/o Adams Street	N	N	N	\$ 350.00	day	dry	Rear end	Improper backing	V1 backing EB on Foote-Hilyer service drive, V2 NB, V1 hit rear bumper of V2
65	6/15/2009	7:35 PM	72873508	M	Gamble Street	75' w/o Wahnish Way	N	N	N	\$ 2,000.00	day	dry	Rear end	Careless driving	V1 EB behind V2 also EB, V1 hit V2
66	6/15/2009	11:00 PM	72873509	M	ML King	10' s/o Palmer Avenue	N	N	N	\$ 2,000.00	dark - street light	dry	Fixed object	See desc.	V1 NB on ML King, trying to see and hit brick column
67	6/19/2009	5:45 AM	72873510	M	Wahnish Way	2500' n/o Okaloosa Street	N	N	N	\$ 200.00	dawn	dry	Fixed object	Parking - Careless driving	V1 backing into parking at Gibbs Hall service drive and hit light pole
68	6/24/2009	12:05 PM	72873511	P	Pinder Drive	700' n/o Osceola Street	N	N	N	\$ 800.00	day	dry	Parking (On-street) / Right Angle	Parking - See description	V1 backing out of parking onto Pinder Street, V2 traveling north, V1 obstructed by unknown vehicle and hit V2
69	6/25/2009	10:15 PM	72873512	P	Adams Street	300' s/o Palmetto Street	N	N	N	\$ 400.00	dark - street light	dry	Parking	Improper backing	V1 backing out of Palmetto St. PIII Service Drive, V2 properly parked behind V1, V1 hit V1
70	6/29/2009	3:00 PM	72873513	P	Wahnish Way	50' e/o Howard Avenue	N	N	N	\$ 850.00	day	dry	Parking	Parking - Careless Driving	V1 south in FAMU DRS parking lot, V2 backing north into space in front of V1, V1 hit V2
71	7/2/2009	5:47 PM	72873514	I	Gamble Street	Wahnish Way	N	N	N	\$ 1,300.00	day	wet	Rear end	careless driving	V1 WB on Gamble, V2 stopped at signal facing west, V1 rear ended V2
72	7/13/2009	1:18 PM	72873515	P	Adams Street	150' s/o Palmer Avenue	N	N	N	\$ 150.00	day	dry	Parking	Parking - Improper backing	V1 stopped at stop sign exiting Foote-Hilyer parking lot, V1 front end in road attempted to back up, V2 behind V1 and was hit
73	7/14/2009	9:50 AM	72873516	P	Bronough Street	100' w/o Harrison Street	N	N	N	\$ 500.00	day	dry	Parking	Parking - See description	V1 in gravel parking lot, V2 properly parked and V1 hit V2 while in parking space
74	7/18/2009	2:01 PM	72873517	I	Wahnish Way	Kissimmee	N	N	N	\$ 700.00	day	dry	Right angle	Failed to Yield ROW	V1 NB attempted to turn left on Wahnish Way, V2 traveling SB, V1 hit V2
75	7/20/2009	12:39 PM	72873518	P	Palmer Avenue	100' w/o ML King	N	N	N	\$ 510.00	day	dry	Parking	Parking - improper backing	V1 backing into parking Lee Hall service drive, V2 properly parked in HC space, V1 hit V2
76	7/28/2009	4:00 PM	72873524	M	Wahnish Way	200' n/o Okaloosa Street	N	N	N	\$ 2,500.00	day	wet	Right angle	Failed to Yield ROW	V1 exiting teaching gym's driveway onto wahnish way, V2 SB, V1 struck by regally parked vehicles entered road and hit V2
77	7/30/2009	9:30 AM	72873525	M	Gamble Street	2000' e/o Wahnish Way	Ped	N	Possible	-	day	dry	Pedestrian	See desc.	V1 turning left onto Orr Drive, Pedestrian walking WB, V1 hit left knee and hand of ped
78	7/30/2009	1:40 PM	72873526	I	Gamble Street	Perry Street	N	N	N	\$ 2,000.00	day	dry	Right angle	Careless driving	V1 SB on Perry, V2 EB, V1 had stop sign and hit V2
79	8/4/2009	2:45 PM	72873529	M	Wahnish Way	2500' n/o Orange Avenue	N	N	N	\$ 2,000.00	day	dry	Rear end	Parking - improper backing	V1 backing out of parking space, V2 EB exiting parking lot, V1 hit V2
80	8/6/2009	4:16 PM	72873528	I	Wahnish Way	Okaloosa	N	N	N	\$ 1,000.00	day	dry	Right angle	Careless driving	V1 SB on Wahnish, V2 SB attempting to make U-turn, V1 hit V2 on side
81	8/9/2009	3:40 AM	72873080	M	Palmetto Street	1500' w/o Adams Street	N	N	N	\$ 500.00	dark - no light	dry	Fixed object	See desc.	V1 SB on gravel service drive, struck grass covered pot hole
82	8/10/2009	1:05 PM	72873530	P	ML King	500' n/o Barbourville Drive	N	N	N	\$ 2,000.00	day	dry	Parking	Parking - improper backing	V1 backing into Hotel parking lot into V2 improperly parked on yellow curb
83	8/11/2009	1:57 PM	72873531	P	Wahnish Way	1000' n/o Okaloosa Street	N	N	N	\$ 2,000.00	day	dry	Parking	Parking - Careless Driving	V1 attempting to park at Bragg Stadium lot and V2 properly parked hit by V1
84	8/12/2009	10:50 AM	72873532	M	ML King	150' n/o Palmer Avenue	N	-	-	\$ 1,000.00	day	dry	Parking (On-street)	Parking - See description	V1 left scene, V2 properly parked on ML King facing west hit by V1
85	8/17/2009	8:59 AM	72873533	M	Wahnish Way	200' s/o Gamble Street	N	N	N	\$ 750.00	day	wet	Rear end	Careless driving	V1 SB on Wahnish, V2 stopped in traffic facing south in front of V1 hit by V1
86	8/21/2009	1:13 PM	72873535	M	Wahnish Way	150' s/o FAMU Way	N	N	N	\$ 6,000.00	day	wet	Rear end	Careless driving	V1 NB on Wahnish, V1 north of Wahnish in front of V1 hit by V1
87	8/24/2009	7:57 AM	72873536	I	Osceola Street	Wahnish Way	N	N	N	\$ 500.00	day	dry	Right angle	Improper turn	V1 SB on Wahnish attempted to turn left, V2 NB on Wahnish thru intersection hit by V1
88	8/24/2009	11:00 AM	72873537	P	Gamble Street	100' w/o Wahnish Way	N	-	-	\$ 500.00	day	dry	Parking	Parking - See description	V1 left scene, V2 properly parking in Information parking lot
89	8/25/2009	9:16 AM	72873538	M	Palmer Avenue	300' w/o Adams Street	N	N	N	\$ 7,000.00	day	dry	Head-on (service drive)	Driving on wrong side	V1 SB on service drive at Foote-Hilyer Bldg., V2 NB on drive hit by V1 on wrong side of driveway
90	8/28/2009	4:45 PM	72873539	M	Palmetto Street	50' w/o Adams Street	N	N	N	\$ 5,500.00	day	dry	Right angle	Failed to Yield ROW	V1 NB on Palmetto service drive, V2 WB on Palmetto street, V1 making left hit V2
91	9/2/2009	10:14 AM	72873540	P	Wahnish Way	650' s/o Gamble Street	N	N	N	\$ 1,900.00	day	dry	Parkin	Parking - improper backing	V1 backing out of parking garage space into side of V2 properly parked
92	9/2/2009	3:38 PM	72873541	M	Osceola Street	20' e/o Wahnish Way	N	N	Possible	\$ 800.00	day	dry	Rear end	Careless driving	V1 WB on Osceola behind V2 ran into rear of V2

#	Date	Time	HSMV Report #	Intersection, Midblock or Parking Lot?	Location (main road)	(side road)	Bike/Ped?	Alc./Drugs	Injury?	Estimated Property Damage	Day/Night	Wet/Dry	Crash Type *	Crash Cause	Description
93	9/4/2009	3:36 PM	72873542	P	ML King	50' w/o Lincoln Street	N	N	N	\$ 4,000.00	day	dry	Parking / Right Angle	Driving	V1 NB in Band parking lot, V2 traveling east hit by V1 pulling in front of V2
94	9/5/2009	1:30 PM	72873543	M	Perry Street	100' n/o Okaloosa Street	N	N	N	\$ 100.00	day	dry	Fixed object	Parking - improper backing	V1 backing out of Bragg Stadium space (2 mph) backed into light post
95	9/8/2009	1:40 PM	72873544	M	Gamble Street	450' w/o Wahnish Way	N	N	N	\$ 1,500.00	day	dry	Right angle	Failed to Yield ROW	V1 attempting to turn right onto Gamble St. from Parking information parking lot hit V2 traveling west on Gamble Street
96	9/9/2009	11:00 PM	72873545	P	Wahnish Way	650' s/o Gamble Street	N	N	N	\$ 2,500.00	dark - street light	dry	Parking	Parking - improper backing	V1 backing out of parking space of parking garage hit V2 properly parked
97	9/10/2009	7:43 AM	72873546	P	Wahnish Way	650' s/o Gamble Street	N	N	N	\$ 2,100.00	day	dry	Parking	Parking - improper backing	V1 backing out of parking space of parking garage hit V2 properly parked
98	9/11/2009	3:42 PM	72873547	P	Gamble Street	75' w/o ML King	N	N	N	\$ 1,000.00	day	dry	Parking / Side swipe	Parking - no improper driving	V1 EB in Dyson parking lot, V2 traveling east, V2 attempted to pull into V1 parking space vehicles collided
99	9/15/2009	6:01 PM	72873548	P	ML King	200' n/o Gamble	N	N	Possible	\$ 1,000.00	day	dry	Parking	See desc.	V1 left the scene, V1 hit V2 (illegally parked on old Cafeteria service drive)
100	9/18/2009	12:08 PM	72873549	M	Pinder Drive	500' n/o Osceola Street	Ped	N	Possible	-	day	dry	Pedestrian	Parking - improper backing	V1 facing north on Pinder Drive attempting to back out of parking area, pedestrian attempting to cross Pinder drive and walked behind V1 and hit
101	9/22/2009	3:47 PM	72873551	M	ML King	75' s/o Palmer Street	N	N	N	-	day	dry	Side swipe	See desc.	V1 EB on ML King, V2 parked facing west, V1 (gol cart) tried to go between V2 and barricade and hit V2 with bumper
102	9/22/2009	5:33 PM	72873550	P	Wahnish Way	100' s/o Osceola Street	N	-	-	\$ 350.00	day	dry	Parking	Parking - See description	V1 left scene and hit V2 properly parked in space at Bragg Stadium
103	9/23/2009	4:05 PM	72873552	P	Wahnish Way	500' w/o Gamble	N	N	N	\$ 500.00	day	dry	Parking	Parking - improper backing	V1 backing out of space in FAMU parking garage, V2 north was hit
104	9/29/2009	7:43 AM	72873553	P	Wahnish Way	500' s/o Osceola	N	N	N	\$ 600.00	day	dry	Parking	Parking - improper backing	V1 backing out of space in gravel lot, V2 just backed out of space, V1 hit V2
105	9/29/2009	9:47 AM	72873554	M	Gamble Street	75' w/o Wahnish Way	N	N	N	\$ 4,000.00	day	dry	Rear end	Careless driving	V1 EB on Gamble behind V2 and hit V2
106	9/30/2009	3:30 PM	72873555	M	Wahnish Way	50' n/o Osceola Street	N	N	N	\$ 1,700.00	day	dry	Side swipe	See desc.	V1 stopped on road facing south in EB left turn lane, V2 SB, V1 rear door opened and hit V2
107	10/2/2009	12:17 PM	72873556	P	Wahnish Way	100' n/o Gore Street	N	-	-	-	day	dry	Parking	Parking - See description	V2 properly parked in Plant Operations & Maint. Parking lot, stuck by V1 and left scene
108	10/5/2009	10:40 AM	72873557	M	Wahnish Way	200' s/o Gamble Street	Ped	N	Non-capacitating	-	day	wet	Pedestrian	Parking - failure to yield	V1 EB out of parking garage and turning right onto Wahnish, pedestrian NB and hit by V1 on leg
109	10/5/2009	12:50 PM	72873558	P	Wahnish Way	800' s/o Gamble Street	N	N	N	\$ 800.00	day	dry	Parking	Parking - improper backing	V1 left scene and stopped in one-way service drive, backing out it collided with V2 in parking garage
110	10/7/2009	4:09 PM	72873559	P	Palmer Avenue	1500' s/o ML King	N	N	N	\$ 250.00	day	dry	Parking	Parking - Careless Driving	V1 backing out of parking sapce on Lee Hall service drive, V2 traveling west on service drive and hit
111	10/8/2009	4:20 PM	72873562	P	Osceola Street	100' e/o Wahnish Way	N	N	N	-	day	dry	Parking (Service drive)	See desc.	V1 left scene and was backing into Viticulture Service Drive, V2 hit on left rear bumper
112	10/10/2009	1:25 AM	72873560	I	Pasco Street	Bragg Drive	N	-	-	\$ 3,000.00	dark - street light	dry	Fixed object	Fleeing police	V1 SB on Pasco, lost control and hit utility poles and wire fence, fleeing campus police to off-campus
113	10/11/2009	2:57 PM	72873561	M	Gamble Street	50' w/o Wahnish Way	N	N	Non-capacitating	\$ 500.00	day	dry	Rear end	Improper backing	V1 left scene, V2 EB on Gamble behind V1, V1 stated to be backing into V2
114	10/12/2009	3:39 PM	72873563	P	Osceola Street	100' w/o ML King	N	-	-	\$ 100.00	day	wet	Parking	Parking - See description	V1 left scene, V2 properly parked in gravel parking lot and V1 backed into V2
115	10/13/2009	3:30 PM	72873564	P	Hudson Street	100' s/o Palmer Street	N	N	N	\$ 1,000.00	day	dry	Right angle	Failed to Yield ROW	V1 SB on Hudson, V2 WB on Lee Hall service drive, driver of V1 hit V2
116	10/15/2009	1:50 PM	72873565	I	Palmetto Street	Broad	N	N	N	\$ 15,000.00	day	dry	Fixed object	See desc.	V1 EB on Palmetto struck low hanging branch with cargo box
117	10/24/2009	6:00 AM	72873566	I	Okaloosa Street	Wahnish Way	N	N	N	\$ 3,500.00	dark - street light	dry	Head on	See desc.	V1 left scene, V2 stopped facing east on Okaloosa St. at intersection of Wahnish, V1 hit V2 bumper
118	10/24/2009	8:24 PM	72873567	M	Perry Street	500' s/o Gamble Street	N	N	N	\$ 750.00	dark - street light	dry	Parking (On-street)	Parking - failure to yield	V1 entering SB traffic from parking space on Perry, struck V2 SB on Perry
119	10/25/2009	2:02 AM	72873568	M	Osceola Street	1500' e/o Wahnish Way	N	N	Possible	\$ 10,000.00	dark - street light	dry	Fixed object	Careless driving	V1 collected into tree while traveling EB on Osceola
120	10/26/2009	3:25 PM	72873569	M	Gamble Street	100' e/o Wahnish Way	N	N	N	\$ 250.00	day	dry	Parking (On-street)	Parking - Careless Driving	V1 backing out of parking space on Orr Drive and hit V2 (illegally parked and driver sitting in vehicle)
121	10/27/2009	9:45 AM	72873570	I	ML King	Palmetto Street	N	N	N	\$ 1,200.00	day	wet	Fixed object	Exceeded safe speed limit	V1 traveling SB on ML King on wet pavement and attempted to turn left on Palmetto when hit a tree
122	10/27/2009	3:30 PM	72873571	M	Wahnish Way	30' n/o Osceola Street	N	N	Possible	-	day	dry	Rear end	Careless driving	V1 SB on Wahnish behind V2, V2 coming to a stop to turn left onto Osceola and V1 hit V2
123	10/31/2009	1:35 PM	72873572	I	Palmetto Street	ML King	N	N	N	-	day	wet	Fixed object	Driver distraction	V1 SB on ML King trying to turn left on Palmetto Street, V1 driver said black Charger traveling west on Palmetto turning right on ML King crossed centerline, V1 veered to right and collided vehicle into tree
124	11/5/2009	11:01 AM	72873573	I	Wahnish Way	Gamble Street	N	N	N	\$ 300.00	day	dry	Rear end	Careless driving	V1 NB on Wahnish behind V2 and hit V2
125	11/7/2009	1:24 PM	72873574	P	Wahnish Way	200' s/o Gamble Street	N	-	-	\$ 500.00	dark - street light	dry	Parking	See desc.	V1 hit rear bumper of V2 and left scene, V2 properly parked facing west in parking space at Journalism School lot
126	11/10/2009	4:00 PM	72873575	M	ML King	75' s/o Palmer Avenue	N	N	N	-	day	wet	Fixed object	Improper backing	V1 backing north on ML King when hit red brick concrete bench
127	11/10/2009	6:11 PM	72874721	P	Wahnish Way	200' s/o Gamble Street	N	N	N	\$ 250.00	dark - street light	wet	Parking	Improper backing	V1 facing NB on Journalism loading dock and attempting to back out, V2 improperly parked on yellow curb was hit by V1
128	11/15/2009	2:25 PM	72873576	I	Wahnish Way	Gamble Street	N	N	N	\$ 1,500.00	day	dry	Right angle	Improper passing	V1 NB on Wahnish behind V2, V1 attempted to pass V2 and turn right onto Gamble
129	11/17/2009	8:39 PM	72873577	P	Wahnish Way	1000' s/o Gamble Street	N	N	N	\$ 1,200.00	dark - street light	dry	Parking	Careless driving	V1 NB in parking garage, V2 properly parked, V1 negotiated left turn on motorcycle at high speed and hit V2
130	11/18/2009	8:00 PM	72873578	P	Palmer Avenue	1000' e/o ML King	N	-	-	\$ 1,500.00	dark - street light	dry	Parking	See desc.	V1 left scene, V2 properly parked on Lee Hall service drive gravel parking lot and hit by V1
131	12/2/2009	8:19 PM	72873579	P	ML King	1500' n/o Osceola Street	N	N	N	\$ 500.00	dark - street light	wet	Parking (Service drive)	See desc.	V1 left scene, V2 improperly parked on Foster Tanner service drive and V1 hit V2
132	12/4/2009	8:01 PM	72873580	P	Palmetto Street	100' s/o Broad Street	N	-	-	-	dawn	wet	Parking	See desc.	V1 left scene, V2 properly parked in Palmetto St. Parking lot
133	12/11/2009	8:45 PM	72873581	I	Wahnish Way	25' s/o Gamble Street	N	N	Possible	\$ 1,500.00	dark - street light	wet	Rear end	Careless driving	V1 NB on Wahnish, V2 NB behind V3 also NB, V3 and V2 stopped for other cars, V1 collided into V2 and V2 hit V3
										Total			\$ 193,180.00		

* Type Crashes: Head on, Parking (lot, on-street, service drive), Pedestrian, Rear end, Right angle, Side swipe, Fixed Object

Notes: Fixed objects include: parked car, curb, concrete pole (2), tree (3), surveillance camera @ Star Metro terminal, street light (3), sign posts (2), brick column, grass covered pot hole, utility pole, wire fence, tree brank and concrete bench

Source: Crash summary and analysis by Dantin Consulting, 2010

Florida A&M University Police Department, 2009 (program by Police Department, TRACS)

**Table 11.3C Crashes Sorted by Location (January 1, 2009 - December 31, 2009)
FAMU Master Plan Update 2015-2025**

#	Date	Time	HSMV Report #	Intersection, Midblock or Parking Lot?	Location (main road)	(side road)	Bike/Ped?	Alc./Drugs	Injury?	Crash Type *
INTERSECTION CRASHES:										
1	1/13/2009	7:50 AM	70018450	I	Gamble Street	ML King	N	N	N	fixed object
2	7/30/2009	1:40 PM	72873526	I	Gamble Street	Perry Street	N	N	N	Right angle
3	7/2/2009	5:47 PM	72873514	I	Gamble Street	Wahnish Way	N	N	N	Rear end
4	12/11/2009	8:45 PM	72873581	I	Wahnish Way	25' s/o Gamble Street	N	N	Possible	Rear end
5	1/28/2009	2:30 PM	70018454	I	Wahnish Way	50' w/o Gamble	Ped	N	Possible	Pedestrian
6	4/17/2009	1:25 PM	70018487	I	Wahnish Way	65' s/o Gamble Street	Ped	N	Possible	Pedestrian
7	4/26/2009	2:50 PM	70018492	I	Wahnish Way	75' s/o Gamble Street	N	N	N	Rear end
8	4/10/2009	9:19 AM	70018486	I	Wahnish Way	Gamble Street	N	N	N	Right angle
9	11/5/2009	11:01 AM	72873573	I	Wahnish Way	Gamble Street	N	N	N	Rear end
10	11/15/2009	2:25 PM	72873576	I	Wahnish Way	Gamble Street	N	N	N	Right angle
11	1/8/2009	12:38 PM	70018449	I	ML King	Osceola Street	N	N	N	Head on
12	4/8/2009	9:30 PM	70018485	I	ML King	Palmer Avenue	N	N	N	Side Swipe
13	10/27/2009	9:45 AM	72873570	I	ML King	Palmetto Street	N	N	N	Fixed object
14	10/31/2009	1:35 PM	72873572	I	Palmetto Street	ML King	N	N	N	Fixed object
15	4/7/2009	8:31 AM	70018482	I	Okaloosa Street	10' w/o Wahnish Way	N	N	N	Right angle
16	10/24/2009	6:00 AM	72873566	I	Okaloosa Street	Wahnish Way	N	N	N	Head on
17	8/6/2009	4:16 PM	72873528	I	Wahnish Way	Okaloosa	N	N	N	Right angle
18	3/27/2009	8:15 AM	70018473	I	Wahnish Way	25' Okaloosa Street	N	N	N	Right angle
19	7/18/2009	2:01 PM	72873517	I	Wahnish Way	Kissimmee	N	N	N	Right angle
20	8/24/2009	7:57 AM	72873536	I	Osceola Street	Wahnish Way	N	N	N	Right angle
21	10/15/2009	1:50 PM	72873565	I	Palmetto Street	Broad	N	N	N	Fixed object
22	10/10/2009	1:25 AM	72873560	I	Pasco Street	Bragg Drive (off campus when driver caught)	N	-	-	Fixed object
MID-BLOCK CRASHES:										
1	2/20/2009	2:00 AM	70018461	M	Adams Street	50' s/o Palmer Avenue	N	?	?	Head on/Parked car
2	10/26/2009	3:25 PM	72873569	M	Gamble Street	100' e/o Wahnish Way	N	N	N	Parking (On-street)
3	7/30/2009	9:30 AM	72873525	M	Gamble Street	2000' e/o Wahnish Way	Ped	N	Possible	Pedestrian
4	5/19/2009	2:40 PM	70018498	M	Gamble Street	700' w/o ML King	N	N	N	Fixed object
5	2/6/2009	9:45 AM	70018457	M	Gamble Street	100' w/o Wahnish Way	N	N	N	fixed object
6	9/8/2009	1:40 PM	72873544	M	Gamble Street	450' w/o Wahnish Way	N	N	N	Right angle
7	10/11/2009	2:57 PM	72873561	M	Gamble Street	50' w/o Wahnish Way	N	N	Non-capacitating	Rear end
8	6/15/2009	7:35 PM	72873508	M	Gamble Street	75' w/o Wahnish Way	N	N	N	Rear end
9	9/29/2009	9:47 AM	72873554	M	Gamble Street	75' w/o Wahnish Way	N	N	N	Rear end
10	6/10/2009	2:07 PM	72873506	M	ML King	75' n/o Palmer Avenue	N	N	N	Side Swipe
11	8/12/2009	10:50 AM	72873532	M	ML King	150' n/o Palmer Avenue	N	-	-	Parking (On-street)
12	3/24/2009	11:30 AM	70018468	M	ML King	70' s/o Palmer Ave.	N	N	N	Side Swipe
13	5/1/2009	9:30 AM	70018494	M	ML King	500' s/o Palmer Avenue	N	N	N	Fixed object

14	6/15/2009	11:00 PM	72873509	M	ML King	10' s/o Palmer Avenue	N	N	N	Fixed object
15	9/22/2009	3:47 PM	72873551	M	ML King	75' s/o Palmer Street	N	N	N	Side swipe
16	11/10/2009	4:00 PM	72873575	M	ML King	75' s/o Palmer Avenue	N	N	N	Fixed object
17	4/3/2009	3:01 PM	70018480	M	ML King	650' n/o Barbourville Drive	N	N	N	Side swipe
18	4/26/2009	2:10 AM	70018491	M	ML King	1000' n/o Barbourville Drive	N	N	N	Side Swipe
19	1/8/2009	5:46 PM	70018448	M	Osceola Street	150' w/o ML King	N	N	N	rear end
20	4/7/2009	5:45 PM	70018483	M	Osceola Street	500' w/o ML King	N	N	N	Right angle
21	5/22/2009	9:17 PM	70017092	M	Osceola Street	20' e/o Wahhish Way	N	N	Possible	Rear end
22	9/2/2009	3:38 PM	72873541	M	Osceola Street	500' w/o ML King	N	N	Possible	Rear end
23	10/25/2009	2:02 AM	72873568	M	Osceola Street	1500' e/o Wahhish Way	N	N	Possible	Fixed object
24	6/15/2009	11:21 AM	72873507	M	Palmer Avenue	150' w/o Adams Street	N	N	N	Rear end
25	4/20/2009	3:00 PM	70018489	M	Palmer Avenue	300' w/o Adams Street	N	N	Possible	Rear end
26	8/25/2009	9:16 AM	72873538	M	Palmer Avenue	300' w/o Adams Street	N	N	N	Head-on (service drive)
27	8/9/2009	3:40 AM	72873080	M	Palmetto Street	1500' w/o Adams Street	N	N	N	Fixed object
28	5/29/2009	1:29 PM	72873501	M	Palmetto Street	2000' w/o Adams Street	N	N	N	Side Swipe
29	2/18/2009	7:39 PM	70018460	M	Palmetto Street	2500' w/o Adams Street	N	N	N	Head on
30	8/28/2009	4:45 PM	72873539	M	Palmetto Street	50' w/o Adams Street	N	N	N	Right angle
31	9/5/2009	1:30 PM	72873543	M	Perry Street	100' n/o Okaloosa Street	N	N	N	Fixed object
32	4/1/2009	12:26 PM	70018477	M	Perry Street	150' s/o Gamble Street	N	N	N	Right angle
33	10/24/2009	8:24 PM	72873567	M	Perry Street	500' s/o Gamble Street	N	N	N	Parking (On-street)
34	9/18/2009	12:08 PM	72873549	M	Plnder Drive	500' n/o Osceola Street	Ped	N	Possible	Pedestrian
35	8/21/2009	1:13 PM	72873535	M	Wahhish Way	150' s/o FAMU Way	N	N	N	Rear end
36	2/1/2009	5:53 PM	70018455	M	Wahhish Way	100' s/o Gamble	N	N	N	rear end
37	3/17/2009	12:37 PM	70018466	M	Wahhish Way	100' s/o Gamble	N	N	N	Rear end
38	8/17/2009	8:59 AM	72873533	M	Wahhish Way	200' s/o Gamble Street	N	N	N	Rear end
39	10/5/2009	10:40 AM	72873557	M	Wahhish Way	200' s/o Gamble Street	Ped	N	Non-capacitating	Pedestrian
40	7/28/2009	4:00 PM	72873524	M	Wahhish Way	200' n/o Okaloosa Street	N	N	N	Right angle
41	3/29/2009	10:15 PM	70018475	M	Wahhish Way	300' n/o Okaloosa Street	N	N	N	Head on
42	2/16/2009	12:20 PM	70017094	M	Wahhish Way	600' n/o Okaloosa Street (Gailther Gym parking lot)	Ped	N	N	Pedestrian
43	6/19/2009	5:45 AM	72873510	M	Wahhish Way	2500' n/o Okaloosa Street	N	N	N	Fixed object
44	8/4/2009	2:45 PM	72873529	M	Wahhish Way	2500' n/o Orange Avenue	N	N	N	Rear end
45	9/30/2009	3:30 PM	72873555	M	Wahhish Way	50' n/o Osceola Street	N	N	N	Side swipe
46	10/27/2009	3:30 PM	72873571	M	Wahhish Way	30' n/o Osceola Street	N	N	Possible	Rear end
PARKING CRASHES (GARAGE, LOT OR SERVICE DRIVE):										
1	7/13/2009	1:18 PM	72873515	P	Adams Street	150' s/o Palmer Avenue	N	N	N	Parking
2	6/25/2009	10:15 PM	72873512	P	Adams Street	300' s/o Palmetto Street	N	N	N	Parking
3	7/14/2009	9:50 AM	72873516	P	Bronough Street	100' w/o Harrison Street	N	N	N	Parking
4	3/6/2009	10:00 AM	70018464	P	Bronough Street	Palmer Street	N	N	N	Parking
5	1/27/2009	12:30 PM	70018453	P	Gamble Street	100' n/o Wahhish	N	N	N	Parking
6	8/24/2009	11:00 AM	72873537	P	Gamble Street	100' w/o Wahhish Way	N	-	-	Parking
7	5/24/2009	10:35 AM	72873500	P	Gamble Street	2000' e/o Wahhish Way	N	N	N	Parking / Fixed object
8	4/30/2009	1:52 PM	70018493	P	Gamble Street	2000' w/o ML King Blvd.	N	N	N	Parking
9	9/11/2009	3:42 PM	72873547	P	Gamble Street	75' w/o ML King	N	N	N	Parking / Side swipe
10	5/19/2009	1:30 PM	70018497	P	Harrison Street	Bronough Street	N	-	-	Parking

11	1/22/2009	12:20 PM	70018452	P	Hudson Street	200 w/o Palmer Ave.	N	N	N	Parking
12	10/13/2009	3:30 PM	72873564	P	Hudson Street	100' w/o Palmer Street	N	N	N	Right angle
13	1/5/2009	10:11 AM	70018446	P	M. L. King Blvd.	Young Street	N	N	N	Parking
14	12/2/2009	8:19 PM	72873579	P	ML King	1500' n/o Osceola Street	N	N	N	Parking (Service drive)
15	9/15/2009	6:01 PM	72873548	P	ML King	200' n/o Gamble	N	N	possible	Parking
16	9/4/2009	3:36 PM	72873542	P	ML King	50' w/o Lincoln Street	N	N	N	Parking / Right Angle
17	3/24/2009	9:45 PM	70018469	P	ML King	500' n/o Barbourville Drive	N	N	N	Parking
18	6/6/2009	2:49 PM	72873504	P	ML King	500' n/o Barbourville Drive	N	N	N	Parking
19	8/10/2009	1:05 PM	72873530	P	ML King	500' n/o Barbourville Drive	N	N	N	Parking
20	3/26/2009	4:01 PM	70018472	P	ML King	800' s/o Osceola Street	N	N	N	Parking
21	1/6/2009	9:14:00	70018447	P	ML King	Osceola Street	N	N	N	Parking
22	10/8/2009	4:20 PM	72873562	P	Osceola Street	100' e/o Wannish Way	N	N	N	Parking (Service drive)
23	10/12/2009	3:39 PM	72873563	P	Osceola Street	100' w/o ML King	N	-	-	Parking
24	2/16/2009	2:30 PM	8888000	P	Palmer Avenue	100' w/o Adams Street	N	N	N	Parking
25	7/20/2009	12:39 PM	72873518	P	Palmer Avenue	100' w/o ML King	N	N	N	Parking
26	11/18/2009	8:00 PM	72873578	P	Palmer Avenue	1000' e/o ML King	N	-	-	Parking
27	1/6/2009	18:34:00	72874750	P	Palmer Avenue	150' w/o Adams St.	N	N	N	Parking
28	10/7/2009	4:09 PM	72873559	P	Palmer Avenue	1500' s/o ML King	N	N	N	Parking
29	2/2/2009	12:25 PM	70018456	P	Palmer Avenue	50' w/o Adams Street	N	N	N	Parking
30	3/26/2009	8:57 AM	70018471	P	Palmetto Street	100' s/o Adams Street	N	-	-	Parking
31	12/4/2009	8:01 PM	72873580	P	Palmetto Street	100' s/o Broad Street	N	-	-	Parking
32	3/6/2009	1:30 PM	70018465	P	Palmetto Street	400' e/o ML King	N	-	-	Parking
33	3/4/2009	3:15 PM	70018463	P	Perry Street	200' e/o Liberty Street	N	N	N	Parking
34	6/2/2009	1:25 PM	72873502	P	Perry Street	50' n/o Gamble Street	N	N	N	Parking
35	5/29/2009	10:55 AM	70018496	P	Pershing Street	100' w/o Bronough Street	N	N	N	Parking
36	6/24/2009	12:05 PM	72873511	P	Pinder Drive	700' n/o Osceola Street	N	N	N	Parking (On-street) / Right Angle
37	3/24/2009	2:14 PM	70018470	P	Wannish Way	100' n/o Gamble Street	N	-	-	Parking
38	10/2/2009	12:17 PM	72873556	P	Wannish Way	100' n/o Gore Street	N	-	-	Parking
39	1/21/2009	12:29 PM	70018451	P	Wannish Way	100 s/o Gamble St	N	N	N	Parking
40	9/22/2009	5:33 PM	72873550	P	Wannish Way	100' s/o Osceola Street	N	-	-	Parking
41	6/4/2009	10:00 AM	72873503	P	Wannish Way	100' w/o Gamble Street	N	N	N	Parking / Fixed object
42	8/11/2009	1:57 PM	72873531	P	Wannish Way	1000' n/o Okaloosa Street	N	N	N	Parking
43	11/17/2009	8:39 PM	72873577	P	Wannish Way	1000' s/o Gamble Street	N	N	N	Parking
44	4/20/2009	12:29 AM	70018488	P	Wannish Way	150' n/o Okaloosa Street	N	N	N	Fixed object
45	4/8/2009	11:52 AM	70018484	P	Wannish Way	150' s/o Gamble Street	N	N	N	Parking
46	2/24/2009	4:47 PM	70018462	P	Wannish Way	200' n/o Gamble	N	N	N	Parking
47	2/23/2009	8:30 PM	70017093	P	Wannish Way	200' n/o Okaloosa Street	N	N	N	Parking
48	5/14/2009	2:55 PM	70018495	P	Wannish Way	200' s/o Gamble Street	N	-	-	Parking

49	11/7/2009	1:24 PM	72873574	P	Wahnish Way	200' s/o Gamble Street	N	-	-	Parking
50	11/10/2009	6:11 PM	72874721	P	Wahnish Way	200' s/o Gamble Street	N	N	N	Parking
51	3/18/2009	9:55 AM	70018467	P	Wahnish Way	200' w/o Gamble	N	N	N	Parking
52	4/4/2009	2:21 PM	70018481	P	Wahnish Way	2000' w/o Okaloosa Street	N	-	-	Parking
53	3/28/2009	5:46 AM	70018474	P	Wahnish Way	2500' n/o Okaloosa Street	N	N	N	Parking
54	4/3/2009	9:36 AM	70018479	P	Wahnish Way	300' w/o Gamble Street	N	N	N	Parking
55	6/29/2009	3:00 PM	72873513	P	Wahnish Way	50' s/o Howard Avenue	N	N	N	Parking
56	2/12/2009	10:00 PM	70018458	P	Wahnish Way	500' n/o Okaloosa Street	N	N	N	Parking
57	3/31/2009	9:30 AM	70018476	P	Wahnish Way	500' s/o Gamble Street	N	N	N	Parking
58	6/8/2009	2:15 PM	72873505	P	Wahnish Way	500' s/o Gamble Street	N	-	-	Parking
59	9/29/2009	7:43 AM	72873553	P	Wahnish Way	500' s/o Osceola	N	N	N	Parking
60	9/23/2009	4:05 PM	72873552	P	Wahnish Way	500' w/o Gamble	N	N	N	Parking
61	9/2/2009	10:14 AM	72873540	P	Wahnish Way	650' s/o Gamble Street	N	N	N	Parking
62	9/9/2009	11:00 PM	72873545	P	Wahnish Way	650' s/o Gamble Street	N	N	N	Parking
63	9/10/2009	7:43 AM	72873546	P	Wahnish Way	650' s/o Gamble Street	N	N	N	Parking
64	4/2/2009	11:37 AM	70018478	P	Wahnish Way	800' s/o Gamble Street	N	N	N	Parking
65	10/5/2009	12:50 PM	72873558	P	Wahnish Way	800' s/o Gamble Street	N	N	N	Parking

* Type Crashes: Head on, Parking (lot, on-street, service drive), Pedestrian, Rear end, Right angle, Side swipe, Fixed Object

Notes: Fixed objects include: parked car, curb, concrete pole (2), tree (3), surveillance camera @ Star Metro terminal, street light (3), sign posts (2), brick column, grass covered pot hole, utility pole, wire fence, tree trunk and concrete bench

Source: Crash summary and analysis by Danitin Consulting, 2010

Florida A&M University Police Department, 2009 (program by Police Department, TRACS)

Table 11.2 cont.				
Young St.	200	594	22	East side of street only
Lincoln St.	200-300	527	26	Both sides of the street on 200; West side only on 300 block
West side of Campus (west of Wahnish Way)				
Kissimmee St.	500	474	24	West side of street only
Floral St.	600	267	13	East side of street only
Liberty St.	600	295	15	Both sides of the street
Manatee St.	600	486	24	Both sides of the street
Nassau St.	600	558	28	Both sides of the street
Eugenia St.	600-700	404	20	West side of street only
Waives St.	600-700	319	16	Both sides of the street

Source: Number of spaces based on field inventory, Wood+Partners, Inc., 2016

c) An inventory of accident locations and number of accident occurrences on campus and in the context area.

A review of all crash data occurring on-campus between January 1, 2014 – December 31, 2014 was conducted. Crash data was obtained from the FAMU University Policy Department. A total of 133 crashes occurred during this twelve (12) month period. Data collected and analyzed included: date, location, bicycle or pedestrian involvement, and general type of crash.

Table 11.3A provides a summary of the calendar year 2014 crash data.

Table 11.3A Crash Data Summary - January 1, December 31, 2014

# Crashes	%	
Crash Location Summary:		
87	65%	Intersection Crashes
36	27%	Mid-block Road Crashes
10	8%	Parking (lot, garage or service road) Crashes
133	100%	
Pedestrian/Bicycle:		
3	2.2%	Crashes involving Pedestrians
0	0%	Crashes involving Bicycles
Other: Motorists Leaving Scene of Crash (Hit and Run)		
23	17%	Intersection (% of Intersection crashes)
11	8%	Mid-block (% of Mid-block crashes)
Table 11.3A cont.		
8	6%	Parking Lot (% of Parking lot crashes)

Sources: Crash summary and analysis by Wood+Partners, Inc., 2015; Florida A&M University Police Department, 2015

Figures 11.2A-B depicting the location of 2014 on-campus crashes can be found at the conclusion of this element. At the time of this update, a chronological listing of all crashes a crash details sorted per location (i.e., intersection, mid-block and parking) previously included in Tables 11.3B and 11.3C were not available for off-campus crashes. An effort will be made to coordinate with the FAMU Police Department to compile this information prior to adoption of the update. Table 11.3D identifies the location of all parking/service area of on-campus crashes referenced in Figures 11.2A-B. Figures 11.3A-C depicts the location of Emergency Call Stations.

Table 11.3D Parking Crash Location

# of Crashes	
2	Garage
2	Lee Hall Service Drive
1	McGuinn Service Drive (int.)
1	Gravel Lot
3	Palmetto St. Lot
1	Foote-Hilyer
10	TOTAL

Sources: Crash summary and analysis by Wood+Partners, 2015; Florida A&M University Police Department, 2015

d) The existing classification of roadways on the campus, utilizing definitions used by the host community in their Comprehensive Plan, or a classification determined by the University which is correlated to the classification system of the host community.

Table 11.4 indicates the functional classification of all on-campus and campus boundary roadways.

Table 11.4 Functional Classification of On-Campus and Campus Boundary Roadways

Roadway	Limits		Internal (I) or Campus Boundary (B) Roadway	Roadway Classification
	From	To		
Adams Street (SR 363)	Palmer Avenue	Barbourville Drive	B, East	Minor Arterial
Adams Street (SR 363)	Palmetto Street	Orange Ave. (SR 373)	B, East	Minor Arterial
Orange Avenue (SR 373)	Wahnish Way	S. Adams Street	B, South	Minor Arterial
Orange Avenue (SR 373)	Wahnish Way	800' West of S. Adams Street**	I	Minor Arterial
FAMU Way	Wahnish Way	Martin Luther King (MLK) Jr. Blvd.	B, North	Major Collector
FAMU Way	MLK Jr. Blvd.	Wahnish Way	B, North	Major Collector
Gamble Street	Perry Street	Wahnish Way	I	Major Collector
Wahnish Way	FAMU Way	Eugenia Street	B, West	Major Collector
Wahnish Way	Okaloosa Street	Osceola Street	B, West	Major Collector
Wahnish Way	Osceola Street	Campbell Street	B, West	Major Collector
Wahnish Way	300' north of Gore Street	585' south of Orange Avenue	B, West	Major Collector

Table 11.4 Continued Roadway	Limits		Internal (I) or Campus Boundary (B) Roadway	Roadway Classification
	From	To		
Wahnish Way	Eugenia Street	Okaloosa Street	I	Major Collector
Wahnish Way	Campbell Street	300' n/o Gore Street	I	Major Collector
Campbell Street	Main Street	Wahnish Way	B, North	Minor Collector
MLK Jr. Blvd.	FAMU Way	Harrison Street	B, East	Minor Collector
MLK Jr. Blvd.	Harrison Street	Gamble Street	I	Minor Collector
MLK Jr. Blvd.	Gamble Street	Palmer Avenue	I	Minor Collector
Osceola Street	Wahnish Way	Pinder Drive	I	Minor Collector
Osceola Street	Pinder Drive	MLK Jr. Blvd.	I	Minor Collector
Ardelia Court	Perry Street	Gamble Street	I	Local
Barbourville Drive	S. Adams Street*	S. Adams Street	B, South	Local
Bronough Street	Harrison Street	Palmer Avenue	B, East	Local
Eugenia Street	Perry Street	Wahnish Way	B, North	Local
Gamble Street	Wahnish Way	MLK Jr. Blvd.	I	Local
Gamble Street	MLK Jr. Blvd.	Bronough Street	I	Local
Harrison Street	MLK Jr. Blvd.	Bronough Street	B, North	Local
MLK Jr. Blvd.	Barbourville Drive	Palmetto Street	B, East	Local
MLK Jr. Blvd.	Palmer Avenue	Barbourville Drive	I	Local
Okaloosa Street	Perry Street	Wahnish Way	B, South	Local
Orr Drive	Gamble Street	W. of Coleman Library	I	Local
Palmer Avenue	MLK Jr. Blvd.	Melvin Street	B, North	Local
Palmer Avenue	Melvin Street	Bronough Street	B, North	Local
Palmer Avenue	Bronough Street	S. Adams Street	B, North	Local
Palmetto Street	MLK Jr. Blvd.	S. Adams Street	B, North	Local
Perry Street	Eugenia Street	Gamble Street	B, West	Local
Perry Street	Gamble Street	Okaloosa Street	B, West	Local
Pinder Drive	University Commons	Osceola Street	I	Local
Service Driveways (sorted alphabetically)				
Bragg Stadium N	Bragg Stadium W	Bragg Stadium E	I	Local
Bragg Stadium E	Bragg Stadium N	Bragg Stadium S	I	Local
Bragg Stadium S	Bragg Stadium W	Bragg Stadium E	I	Local
Bragg Stadium W	Bragg Stadium N	Bragg Stadium S	I	Local
Foote-Hilyer	Lee Hall and Palmer Avenue	S. Adams Street	I	Local
Howard Hall	Bragg Stadium E	Wahnish Way	I	Local
Lee Hall	MLK Jr. Blvd. (S. of Lee Hall)	Parking Lot CC	I	Local
MLK Jr. Blvd.	SW of University Commons	MLK Jr. Blvd.	I	Local
N.B. Young Hall	Wahnish Way	W. side of N.B. Young Hall	I	Local

Source: Wood+Partners, Inc., 2015; City of Tallahassee Planning Department Roadway Functional Classification Maps

e) The roadway ownership of roadways on-campus and campus boundary roadways.

Table 11.5 identifies the roadway ownership and agency responsible for maintaining the facility.

Table 11.5 Roadway Ownership of On-Campus and Campus Boundary Roadways

Roadway	Limits		Internal (I) or Campus Boundary (B) Roadway	Ownership
	From	To		
<i>Boundary Roads (sorted by campus boundary limits)</i>				
Barbourville Drive	S. Adams Street	MLK Jr. Blvd.	B, South	City
Okaloosa Street	Perry Street	Wahnish Way	B, South	City
Orange Avenue (SR 373)	Wahnish Way	S. Adams Street	B, South	FDOT
Wahnish Way	FAMU Way	Eugenia Street	B, West	City
Wahnish Way	Okaloosa Street	Osceola Street	B, West	FAMU
Wahnish Way	Osceola Street	Campbell Street	B, West	City
Wahnish Way	300' north of Gore Street	585' south of Orange Avenue	B, West	City
Perry Street	Eugenia Street	Gamble Street	B, West	City
Perry Street	Gamble Street	Okaloosa Street	B, West	City
FAMU Way	Wahnish Way	Martin Luther King	B, North	City
FAMU Way	MLK Jr. Blvd.	Wahnish Way	B, North	City
Harrison Street	MLK Jr. Blvd.	Bronough Street	B, North	City
Palmer Avenue	MLK Jr. Blvd.	Melvin Street	B, North	FAMU
Palmer Avenue	Melvin Street	Bronough Street	B, North	City
Palmer Avenue	Bronough Street	S. Adams Street	B, North	City
Palmetto Street	MLK Jr. Blvd.	S. Adams Street	B, North	City
Eugenia Street	Perry Street	Wahnish Way	B, North	City
Campbell Street	Main Street	Wahnish Way	B, North	City
Adams Street (SR 363)	Palmer Avenue	Barbourville Drive	B, East	FDOT
Adams Street (SR 363)	Palmetto Street	Orange Ave. (SR 373)	B, East	FDOT
Bronough Street	Harrison Street	Palmer Avenue	B, East	City
MLK Jr. Blvd.	FAMU Way	Harrison Street	B, East	City
MLK Jr. Blvd.	Barbourville Drive	Palmetto Street	B, East	City
<i>Internal Roads (sorted alphabetically)</i>				
Ardelia Court	Perry Street	Gamble Street	I	FAMU
Gamble Street	Perry Street	Ardelia Court	I	City
Gamble Street	Ardelia Court	MLK Jr. Blvd.	I	FAMU

Table 11.5 Continued		Limits		Internal (I) or Campus Boundary (B) Roadway	Ownership
Roadway	From	To			
Gamble Street	MLK Jr. Blvd.	Bronough Street		I	FAMU
MLK Jr. Blvd.	FAMU Way	Gamble Street		I	City
MLK Jr. Blvd.	Gamble Street	Palmer Avenue		I	FAMU
MLK Jr. Blvd.	Palmer Avenue	Barbourville Drive		I	FAMU
MLK Jr. Blvd.	Barbourville Drive	Palmetto Street		I	City
Osceola Street	Wahnish Way	Baltzett Street		I	FAMU
Osceola Street	Baltzett Street	MLK Jr. Blvd.		I	City
Orange Avenue (SR 373)	Wahnish Way	800' West of S. Adams Street**		I	FDOT
Orr Drive	Gamble Street	W. of Coleman Library		I	FAMU
Pinder Drive	University Commons	Osceola Street		I	FAMU
Wahnish Way	Eugenia Street	Okaloosa Street		I	FAMU
Wahnish Way	Campbell Street	300' N/o Gore Street		I	City
Service Driveways (sorted alphabetically)					
Bragg Stadium N	Bragg Stadium W	Bragg Stadium E		I	FAMU
Bragg Stadium E	Bragg Stadium N	Bragg Stadium S		I	FAMU
Bragg Stadium S	Bragg Stadium W	Bragg Stadium E		I	FAMU
Bragg Stadium W	Bragg Stadium N	Bragg Stadium S		I	FAMU
Foote-Hilyer	Lee Hall and Palmer Avenue	S. Adams Street		I	FAMU
Howard Hall	Bragg Stadium E	Wahnish Way		I	FAMU
Lee Hall	MLK Jr. Blvd. (S. of Lee Hall)	Parking Lot CC		I	FAMU
MLK Jr. Blvd.	SW of University Commons	MLK Jr. Blvd.		I	FAMU
N.B. Young Hall	Wahnish Way	W. side of N.B. Young Hall		I	FAMU

Source: Wood+Partners, Inc., 2015; City of Tallahassee, Streets and Drainage Department Roadway Ownership

f) The current levels of service of the roadways on campus and within the context area.

The most recent roadway Level of Service (LOS) for on-campus and context area roadways has been provided. Table 11.6A provides the LOS using the City of Tallahassee's 2013 maximum service volumes (MSV) or 'capacity' for the adopted LOS standard.

Table 11.6B shows roadways that are not monitored by local government within the Transportation Concurrency Management System, but that play key roles in vehicular circulation on campus.

g) Traffic counts at all major University entrances/exits (tabular, narrative).

Table 11.6A Roadways in the City's Concurrency System (Off and On Campus)

Roadway	Limits		On/Off Campus	Adopted LOS*	NB/EB		SB/MB		
	From	To			MSV**	PM Peak Hour Volume	Level of Service (LOS)***	MSV**	PM Peak Hour Volume
Monroe Street (SR 61)	Gaines Street	Oakland Street	Off	D	2472	768	2264	961	C
Monroe Street (SR 61)	Oakland Street	Palmer	Off	D	2217	768	2490	961	C
Monroe Street (SR 61)	Palmer	Magnolia	Off	D	2439	715	1450	961	D
Monroe Street (SR 61)	Magnolia	Towne South (s/o Putnum)	Off	D	1574	815	2465	1495	C
Monroe Street (SR 61)	Towne South (s/o Putnum)	Orange	Off	D	2518	836	1965	1495	C
Monroe Street (SR 61)	Orange	Paul Russell Road	Off	D	1583	640	2309	1028	D
Adams Street (SR 363)	Orange	Magnolia/Palmetto St.	On	E	636	772	889	923	D
Adams Street (SR 363)	Magnolia/Palmetto St.	Jennings St. (Jakes & Patterson)	On	E	1324	772	1207	923	F
Adams Street (SR 363)	Gaines	Bloxtam	Off	E	761	290	264	274	F
Adams Street (SR 363)	Bloxtam	FAMU Way/Oakland	Off	E	640	281	663	312	D
Adams Street (SR 363)	FAMU Way/Oakland	Jennings St. (Jakes & Patterson)	Off	E	964	281	437	312	D
Campbell Street	Pasco Street	Wahnnish Way	On	E	335	109	450	139	C
FAMU Way	Adams Street	Wahnnish Way	On	E	520	337	876	299	C
Gamble Street	Lake Bradford	Wahnnish Way	On	E	629	430	737	512	D
MLK Jr. Blvd.	FAMU Way	Gamble Street	On	E	450	144	450	139	C
Orange Avenue (SR 373)	Wahnnish Way	Pasco	Off	E	1047	582	1120	1007	D
Orange Avenue (SR 373)	Adams Street	Wahnnish Way	On	E	1150	1170	1370	1194	E
Osceola Street	Wahnnish Way	MLK Jr. Blvd.	On	E	477	641	669	592	D
Wahnnish Way	Saxon Street	Wahnnish Way	Off	E	669	231	357	200	C
	Orange Avenue	Bragg	Off	E	387	106	450	146	D

* Adopted Level of Service has been obtained from the Tallahassee-Leon County Comprehensive Plan

** Maximum Service Volume (MSV) City of Tallahassee Concurrency Management System, 7/2013

*** Level of Service was determined using FDOT's Generalized Service Volumes (Urbanized Areas) and City's MSV at Adopted LOS standard

Source: Update and analysis provided by Wood+Partners, 2015

City of Tallahassee Concurrency Management System, Tallahassee-Leon County Comprehensive Plan, FDOT LOS Tables

Table 11.6B Roadways NOT in the City's Concurrency System (On Campus)

Roadway	From	To	On/Off Campus
Ardelia Court	Perry Street	Gamble Street	On
Barbourville Drive	S. Adams Street	MLK Jr. Blvd.	On
Eugenia Street	Perry Street	Wahnnish Way	On
Gamble Street	Wahnnish Way	MLK Jr. Blvd.	On
Harrison Street	MLK Jr. Blvd.	Bronough Street	On
MLK Jr. Blvd.	Gamble Street	Palmer Street	On
MLK Jr. Blvd.	Palmer Street	Barbourville Drive	On
MLK Jr. Blvd.	Barbourville Drive	Osceola Street	On
MLK Jr. Blvd.	Osceola Street	Palmetto Street	On
Orr Drive	Gamble Street	W. of Coleman Library	On
Palmer Avenue	MLK Jr. Blvd.	Bronough Street	On
Palmer Avenue	Bronough Street	S. Adams Street	On
Palmetto Street	MLK Jr. Blvd.	S. Adams Street	On
Perry Street	Okaloosa Street	Gamble Street	On
Perry Street	Gamble Street	Eugenia Street	On
Pinder Drive	University Commons	Osceola Street	On
Putnum Avenue	Gibbs Cottage?	S. Adams Street	On
Wahnnish Way	Orange Avenue	Campbell Street	On
Wahnnish Way	Campbell Street	Okaloosa Street	On
Wahnnish Way	Okaloosa Street	Gamble Street	On
Wahnnish Way	Gamble Street	Eugenia Street	On
Wahnnish Way	Eugenia Street	FAMU Way	On

Source: Update and analysis provided by Wood+Partners, 2015 and Dartin Consulting, 2010

City of Tallahassee Concurrency Management System, Tallahassee-Leon County Comprehensive Plan, FDOT LOS Tables

FAMU does not have a controlled campus edge. Conversely, there are few impediments to non-University traffic traveling on roadways within the campus boundaries. M.L King (MLK) Boulevard between Barbourville Drive and Palmer Avenue is the only roadway at this time with restricted vehicular traffic, which serves as a pedestrian mall with transit and authorized University vehicles only.

Tables 11.7A and 11.7B provide existing 2013 traffic count data on roadways in proximity to the Main Campus. It is not possible, based on the count station locations used, to ascertain what percentage of the daily or peak hour trips in Tables 11.7A and 11.7B are specifically related to University rather than neighborhood or cut-through travel.

Table 11.7A Existing Daily Traffic Volumes Roadways In Immediate Area

Roadway Name	Limits	Average Daily Traffic*		
		NB/EB	SB/WB	Total
FAMU Way	Wahnish Way to Monroe	4,180	4,180	8,360
Gamble Street	Springhill to Wahnish Way	5,113	5,113	10,226
M.L. King Blvd.	Gamble to FAMU Way	152	151	303
Osceola Street	Saxon to Wahnish Way	2,077	2,077	4,154
Osceola Street	Wahnish Way to Adams	5,942	5,942	11,884
Wahnish Way/Railroad	Gamble to FAMU Way	7,955	7,954	15,909
Wahnish Way	Orange Avenue to Campbell	3,542	3,541	7,083
	TOTAL	28,961	28,958	57,919

* Average Daily Traffic is not currently used in any official capacity for concurrency, but is simply provided as a public service. The directional information in these averages are not detailed, so the total volume numbers are simply averaged.

Table 11.7B Existing PM Peak Traffic Volumes Roadways In Immediate Area

Roadway Name	Limits	PM Peak		
		NB/EB	SB/WB	Total
FAMU Way	Wahnish Way/Railroad to Adams	337	299	636
FAMU Way	Adams to Monroe	135	123	258
Gamble Street	Lake Bradford to Wahnish Way	430	512	942
M.L.King Blvd	Gamble to FAMU Way	144	139	283
Osceola Street	Saxon to Wahnish Way	231	200	431
Osceola Street	Wahnish Way to MLK	641	592	1,233
Osceola Street	MLK to Adams	237	258	495
Wahnish Way/Railroad	Bragg to Orange	106	146	252
	TOTAL	2,261	2,269	4,530

Note: Traffic volumes include cut-thru traffic and access to adjacent residential areas and do not isolate FAMU related traffic.

Sources: Updated by Wood+Partners, Inc., 2015; City of Tallahassee, Traffic Engineering Division Public Works Department, data collected 2012-2013; City of Tallahassee Concurrency Street Inventory, 7/2013

h) Existing University trip generation based on original survey data prepared for the campus Master Plan. Existing traffic counts, transportation model data and origin/destination studies will be used to generate data.

Trip generation rates for FAMU were developed in a previous study (conducted by Transportation Consulting Group) as part of the SUS Transportation Study (BOR-052). The trip generation rates calculated for the FAMU student population were 1.54 vehicle trips per student and 3.04 vehicle trips per faculty member or employee.

Student and facility (headcount) populations obtained during previous study periods were applied to these rates for calculating trips attributable to FAMU as follows:

<u>SY 2014/2015:</u>	Students – 8,529	Employees – 2,102*
Trip Generation:	Students -	8,529 x 1.54 = 13,135
	Employees -	2,102 x 3.04 = <u>6,390</u>
	Total	19,525
<u>SY 2015/2016:</u>	Students – 8,305	Employees - 2,050
Trip Generation:	Students -	8,305 x 1.54 = 12,789
	Employees -	2,050 x 3.04 = <u>6,232</u>
	Total	19,021
<u>SY 2016/2017:</u>	Students – 8,664	Employees – 2,139
Trip Generation:	Students -	8,664 x 1.54 = 13,342
	Employees -	2,139 x 3.04 = <u>6,502</u>
	Total	19,844
<u>SY 2017/2018:</u>	Students – 8,826	Employees – 2,179
Trip Generation:	Students -	8,826 x 1.54 = 13,592
	Employees -	2,179 x 3.04 = <u>6,624</u>
	Total	20,216

* As of Fall 2013; Employee numbers based on standard ratio with anticipated headcount of students.

i) Existing Traffic Analysis Zones (TAZs) of the host local government within which University facilities are located.

The long-range transportation plan (LRTP) used by local government contains Traffic Analysis Zones (TAZs). These zones within the University Main Campus include academic facilities, parking areas, athletic facilities, residential and other student support services, administrative support, maintenance and enforcement facilities and open space. A TAZ map from the LRTP model network has been provided on Figure 11.4.A. A description of TAZs on and adjacent to campus has been included on Tables 11.8A and 11.8B.

Table 11.8A FAMU Traffic Analysis Zone (TAZ) Descriptions, Within Campus

TAZ	General Roadway Boundary of TAZ			
123	N:	FAMU Way	E:	Martin Luther King, Jr. Jr. Blvd
	S:	Gamble St.	W:	Wahnish Way
124	N:	FAMU Way	E:	Adams Street
	S:	Palmer Ave.	W:	Martin Luther King, Jr. Jr. Blvd.
127	N:	Gamble Street	E:	Wahnish Way
	S:	Okaloosa St.	W:	Perry St.
128	N:	Gamble Street & Palmer	E:	Martin Luther King, Jr. Jr. Blvd
	S:	Barbourville	W:	Wahnish Way
226	N:	Campbell/Osceola/Palmetto Streets	E:	Martin Luther King, Jr. Jr. Blvd/Adams St.
	S:	Orange Avenue	W:	Western boundary FAMU

Source: Long-Range Transportation Model Network

Table 11.8B FAMU Traffic Analysis Zone (TAZ) Descriptions, Adjacent to Campus

TAZ	General Roadway Boundary of TAZ			
122	N:	FAMU Way	E:	Wahnish Way
	S:	Van Buren	W:	Martin Luther King, Jr. Jr. Blvd.
81	N:	FAMU Way	E:	Martin Luther King, Jr. Jr. Blvd.
	S:	St. Marks Historical Trail	W:	Bronough Street
82	N:	FAMU Way	E:	Bronough Street
	S:	St. Marks Historical Trail	W:	Duval Street
83	N:	FAMU Way	E:	Duval Street
	S:	St. Marks Historical Trail	W:	Adams Street
77	N:	FAMU Way-Oakland	E:	Adams Street
	S:	St. Francis-Bloxham	W:	Monroe Street
78	N:	Oakland Ave	E:	Monroe Street
	S:	St. Francis-Bloxham	W:	Adams Street
125	N:	Palmer Avenue	E:	Adams Street
	S:	FAMU Way-Oakland	W:	Monroe Street
129	N:	Perkins Street	E:	Adams Street
	S:	Palmer Avenue	W:	Monroe Street
131	N:	Palmetto Street	E:	Martin Luther King, Jr. Jr. Blvd.
	S:	Barbourville Drive	W:	Adams Street
216	N:	Orange Avenue	E:	Adams Street
	S:	Barbourville Drive	W:	Monroe Street
228	N:	Orange Avenue	E:	St. Marks Historical Trail
	S:	Tucker Street	W:	FAMU Property/Wahnish Way
225	N:	Tucker Street	E:	St. Marks Historical Trail

TAZ (cont.)	General Roadway Boundary of TAZ			
	S:	Kissimmee/Okaloosa Street	W:	Wahnish Way
239	N:	Kissimmee/Okaloosa Street	E:	St. Marks Historical Trail
	S:	Gamble Street	W:	Perry/Holton Streets
237	N:	Gamble Street	E:	St. Marks Historical Trail
	S:	St. Marks Historical Trail	W:	Wahnish Way

Source: Long-Range Transportation Model Network

It is also noted that the FAMU Main Campus is located within the City's Multi-Modal Transportation District (MMTD) which provides for exceptions to the adopted level of services while simultaneously promoting multimodal transportation alternatives. Performance targets within the MMTD encourage a higher level of service to all pedestrian and bicycle facilities within two miles of campus and promote an overall safe and desirable environment for pedestrians.

j) Established public transit or University-provided transit routes (including inter-campus routes) on campus and in the context area indicating location of stops, frequency of service and capacity of the vehicles.

StarMetro is the provider of public transit within and surrounding the campus. Figures 11.5.A-C shows the current transit routes serving FAMU and transit stop locations along these routes. As of July 2016, StarMetro will no longer provide internal service to FAMU. The University has purchased two shuttle buses for internal service. At the time of this update the shuttle bus service routes were not available, however it is anticipated that the routes will be similar to the Venom route with more frequent stops and expanded hours of service. Previous FAMU public transit services including operating times and frequency of stops are provided on Table 11.9. Six (6) transit routes provided weekday and Saturday service. Four (4) transit routes provided Sunday and Evening (Monday through Saturday) service. Two dedicated routes (Venom Express 1 & 2) provided service limited to campus during the weekdays. As of

Table 11.9 Public Transit Service, 2015

Route #	Transit Route Name	Service Type		Weekday Hours of Operation ²	Weekday Frequency ³	Weekend Hours of Operation ²	Weekend Frequency ³
		Weekday	Weekend				
B	Big Bend	X	X – Sat ¹	5:54 AM – 7:24 PM	30 Min.	7:09 AM – 7:34 PM	40 Min.
D	Dogwood	X	X – Sat ¹	6:00 AM – 8:00 PM	40 Min.	7:40 AM – 7:00 PM	40 Min.
F	Forest	X	X – Sat ¹	5:36 AM – 7:46 PM	30 Min.	7:19 AM – 7:19 PM	40 Min.
L	Live Oak	X	X – Sat ¹	5:40 AM – 7:55 PM	45 Min.	7:33 AM – 7:40 PM	45 Min.
M	Moss	X	X – Sat ¹	5:22 AM – 7:30 PM ⁴	20 Min.	5:18 AM – 7:24 PM	50 Min.
T	Tall Timbers	X	X – Sat ¹	5:45 AM – 7:41 PM	40 Min.	7:30 AM – 7:30 PM	60 Min.
2	Route 2	N ⁵	X – Sat ⁵ X – Sun	Nights 7:10 – 10:30 PM	40 Min.	Sat 7:10 PM – 10:30 PM Sun 11:42 AM – 6:50 PM	40 Min. 40 Min.
3	Route 3	N ⁵	X – Sat ⁵ X – Sun	Nights 7:00 – 10:00 PM	60 Min.	Sat 7:00 PM – 10:00 PM Sun 11:30 AM – 6:30 PM	60 Min. 30 Min.
4	Route 4	N ⁵	X – Sat ⁵ X – Sun	Nights 7:10 – 10:10 PM	60 Min.	Sat 7:10 PM – 10:10 PM Sun 11:25 AM – 6:25 PM	60 Min. 35 Min.
5	Route 5	N ⁵	X – Sat ⁵ X – Sun	Nights 7:30 – 10:30 PM	45 Min.	Sat 7:30 PM – 10:30 PM Sun 11:09 AM – 6:39 PM	45 Min. 45 Min.
R	Rhythm	X – Fri	X – Sat	Fri Nights 5:00 PM – 3:00 AM	20 Min.	Sat Nights 5:00 PM – 3:00 AM	20 Min.
V1	Venom Express 1	X	None	7:00 AM – 5:00 PM	20 Min.	-	-
V2	Venom Express 2	X	None	5:00 PM - 10:20 PM	40 Min	-	-

Sources: Update provided by Wood+Partners, Inc., 2015; City of Tallahassee, StarMetro 2015

1 – Route origin, destination, and stops vary for weekend service.

2 – Hours of Operation vary depending on travel direction.

3 – Frequency may decrease or increase based upon peak travel times throughout the Hours of Operation for certain routes. Frequency provided in *italics* is an average.

4 – Summer 2015 Schedule.

5 – Includes Night Operation Monday through Saturday

(2) ANALYSIS REQUIREMENTS. This sub-element shall be based, at a minimum, on the following analyses:

a) An analysis of the future parking needs for students, faculty and staff and special events for the planning period. This analysis shall consider both the present parking ratios and utilization rates and modified parking ratios that may be considered appropriate or optimum.

The "State University System Transportation Study (BOR-052), Appendix Three: FAMU" provided much of the base data used in analyses of FAMU parking conditions. The first factors of importance are the vehicles occupancy and lot turnover rate. The observations made at the FAMU Main Campus provided these results.

Student Vehicle Occupancy Rate: 1.39
Employee Vehicle Occupancy Rate: 1.24

These factors show that FAMU students and employees car pool or use transit at a higher rate than is typical either for the urban area or when compared to other universities in the

state system. The turnover rate, however, is higher than the average, and is reasonable, considering the relatively high headcount-to-FTE student rate.

Since that time another means of determining the vehicle occupancy rate has been utilized at the University and was used in the last master plan update. A FAMU Parking Services parking permit is required to park on campus. During the 2014-15 term (September 1-August 31), 5,214 student permits and 1,419 employee permits were issued. These permits indicate that the current Vehicle Occupancy Rates at FAMU are substantially higher than when first investigated in 1990, and the student rate is higher than previously calculated for 2010.

Based on the SY 2014-15 enrollment and the number of permits issued, the following Vehicle Occupancy Rates can be calculated and have been applied in this analysis.

Student Vehicle Occupancy Rate = 1.96 (Enrollment/Student Permits)
 Employee Vehicle Occupancy Rate = 1.48 (Personnel/Emp. Permits)

In the initial study, an increase of 5 percent per 5-year period in vehicle occupancy rates was assumed to occur. For this reason, the Vehicle Occupancy Rates identified above were applied throughout the time period investigated.

As a result of the substantial difference between the original occupancy rate and the present-day calculations, the original turnover rate (as stated below) also became suspect.

Commuter Student Turnover Rate: = 3.54
 Residential Student Turnover Rate: = 3.09
 Employee Turnover Rate: = 1.65

The alternative Turnover Rate most recently utilized is based on current student population and is therefore believed to be more accurate than the original calculations and methods first referenced in 1990. A reasonable indicator of Turnover Rate should be the Headcount-to-FTE ratio of each population. Turnover Rates for Commuting Students and Employees are estimated to mirror the Headcount/FTE ratios. Resident student numbers are based on the number of beds (as reported in Element 7: Housing) and there is estimated to be one car per every two resident students. The Turnover Rate for resident students is believed to be 1-1. The applicable Turnover Rates used for parking demand calculations are as follows:

Commuter Student Turnover Rate: = 1.3
 Residential Student Turnover Rate: = 1.0
 Employee Turnover Rate: = 1.4

The number of students and employees, by headcount, of the total University population were analyzed to determine the size of the respective user populations at the Main Campus only.

Main Campus Employees:	2010: 1,888 2015: 1,303 2020: 1,437 2025: 1,581	Main Campus Students:	2010: 12,033 2015: 8,305 2020: 9,159 2025: 10,074
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Sources: FAMU Office of Institutional Research, 2015; FAMU Work Plan 2015; calculations by Wood+Partners, Inc., 2015

Using these data, two parking-related sets of calculations are possible.

Number of Vehicles Requiring Parking:

Population/Population's Vehicle Occupancy Rate

Number of Spaces Required to Accommodate Parking Demand:

Population-Specific Vehicle Parking Volume/Parking Turnover Rate

The size of each of the parking populations is shown in Table 11.10A. Applying the Vehicle Occupancy Rate, Table 11.10B shows the number of vehicles that will need to be accommodated on campus during the same 15-year period. Finally, with the Parking Turnover Rate applied, Table 11.10C shows the number of parking spaces required to address these needs.

Table 11.10A Parking Populations: 2015-2025, in 5-year increments

Users	2015*	2020*	2025*
Students	8,305	9,159	10,074
Residential	1,191	1,310	1,441
Commuter	7,114	7,849	8,663
Employees	1,303	1,437	1,581

* No. of employees based on student/employee ratio.

Residential student numbers based on relative increase of overall students but does not translate directly to an increase in on-campus housing.

Sources: FAMU Office of Institutional Research, 2015; FAMU Work Plan 2015; calculations by Wood+Partners, Inc., 2015

Table 11.10B Number of Vehicles to be Accommodated: 2015-2025, in 5-year increments, Main Campus

Users	Vehicle Occupancy Rate	2015	2020	2025
Students	1.96	4,237	4,672	5,319
Residential	1.96	607	668	735
Commuter	1.96	3,629	4,004	4,419
Employees	1.48	880	970	1,068
TOTAL No. of Vehicles		5,117	5,642	6,207

Sources: FAMU Housing Department, 2015; calculations by Wood+Partners, Inc., 2015

Table 11.10D Parking Sufficiency Status, based on Parking Behavior Observations

Population	2010			2015			2020			2025		
	Demand	Supply*	Status	Demand	Supply*	Status	Demand	Supply*	Status	Demand	Supply*	Status
<i>Dedicated Lots On-Campus</i>												
Students												
Residential	1,305	624	-681	607	745	138	668	745	77	735	745	10
Commuter	3,718	In General		2,791	665	-2,126	3,080	665		3,399	665	
Employees	910	1,210	300	628	1,166	538	692	1,166	474	762	1,166	404
<i>General Lots On-Campus</i>												
Commuter		3,200			1,997			1,997			1,997	
SUBTOTAL	5,933	5,034	-899	4,026	4,573	547	4,440	4,573	133	4,896	4,573	-323
<i>Off-Campus Context Area Parking Inventory**</i>												
On-Street		664			595			595			595	
TOTAL	5,933	5,698	-235	4,026	5,168	1,142	4,440	5,168	728	4,896	5,168	272

* Supply count does not include visitor, state vehicle or vendor parking

** Inventory by FAMU Parking Services, 2015 and Wood+Partners, Inc.,

Sources: University Parking and Traffic Services, 2015
RS&H, 2005; Dantin Consulting, 2010; Wood+Partners, Inc., 2015

Table 11.10E FAMU Main Campus Parking Status based on City of Tallahassee Land Development Code

Population	2010			2015			2020			2025		
	Pop	Required	# Spaces	Pop	Required	# Spaces	Pop	Required	# Spaces	Pop	Required	# Spaces
Students	12,033	1/3	3,971	8,305	1/3	2,741	9,159	1/3	3,022	10,074	1/3	3,324
Employees	1,888	0.5	944	1,303	0.5	652	1,437	0.5	719	1,581	0.5	791
Total Parking Demand			4,915			3,392			3,741			4,115
University Supply			5,698			5,168			5,168			5,168
University Status Per City LDC			783			1,776			1,427			1,053

Sources: City of Tallahassee Land Development Code, 2015; Wood+Partners, Inc., 2015

Table 11.10C Parking Demand Calculations: 2015-2025, in 5-year increments, Main Campus Only

Users	Parking Turnover Rate	2015	2020	2025
Students				
Residential	1.00	607	668	735
Commuter	1.30	2,791	3,080	3,399
Employees	1.40	628	692	762
TOTAL No. of Vehicles		4,026	4,440	4,896

Sources: FAMU Housing Department, 2015; calculations by Wood+Partners, Inc., 2015

As the parking inventory shown in the first section of the response stated, in SY 2010-11 there were 5,034 parking spaces available to students and employees (includes general lots) and 5,112 total parking spaces (including visitor, state vehicles and vendor spaces) available on campus. By 2014-15, that number had decreased to 4,591 student/employee spaces (5,020 spaces total). The drop in available parking spaces is a result of a lower headcount in 2014-15 and is not a good indicator of a parking space deficit when considered alone. Based on the availability of these spaces to the various parking populations on campus, combined with the demand for these spaces based on the calculations presented in Tables 11.10A – 11.10C, the parking sufficiency status was able to be anticipated. These results are presented in Table 11.10D.

A separate analysis was performed that assessed the parking conditions on the FAMU Main Campus based on the City of Tallahassee’s Land Development Code (LDC) Parking Requirements, Section 10-358 “Schedule of Required Parking Spaces” (Land Use 21: Colleges). The City’s LDC requires 0.5 parking spaces for each employee and one for each 3 students at the school. The results of this analysis are shown in Table 11.10e.

b) An analysis of the land area required to provide the amount of parking calculated in (2) a).

Two parking demand assessments were conducted; 1) based on parking behavior and 2) City of Tallahassee Land Development Code requirements. Parking supply for 2015 appears sufficient based on both calculations where supply exceeds demand. Under the traditional University parking deficiency assessment, based on observed behaviors, the number of parking spaces for 2015 exceeds demand by 1,142 spaces. In addition, the number of spaces in 2015 was 1,776 spaces more than required by the City of Tallahassee Land Development Code.

Although steady growth is expected in student and subsequent employee populations, the parking supply as it stands for 2015 is sufficient through the planning period. There is no deficiency anticipated between 2015 and 2025 using either of the aforementioned assessment methodologies.

c) An assessment of the capacity of University lands to accommodate the amount of parking calculated in (2) a), including a determination of how much of the parking would have to be provided in structures.

Given the sufficient number of parking spaces through 2025, there is currently no demand for University lands to further accommodate parking. With a reduction of the current spaces/lots or a significant change in headcount, this could change. It is the intent of the University to begin transitioning from surface parking, scattered across campus, to structured parking located at the periphery of campus. This initiative is in support of developing a denser and more intense internal campus core.

d) An analysis of practical methods to reduce the amount of parking calculated in (2) a) on the University campus including at a minimum:

1. Reducing the number of permits used;

Since the last master plan update, freshman are no longer allowed to obtain on-campus parking permits.

2. Increasing utilization; and

Since 2010, residential students are now only allowed to obtain permit parking for their respective dormitory parking lots. There has been discussion about creating a “closed campus” environment, where all students would park on the periphery. This would limit the interior of campus to employee or service parking areas only.

3. Increasing use of public or University-provided transit.

The University intends to continue the UPass program with StarMetro that enables students utilize the transit service as part of a transportation fee.

e) An analysis of off-campus lands in the context area that may be available for University parking capacity of those sites.

FAMU's goal remains accommodating all University-related typical parking demand in on-campus facilities.

f) An analysis of the impacts of off-campus University parking on the context area and alternatives for minimizing these impacts.

Previously, off-campus parking by University students had effectively congested traffic flow on the adjoining neighborhood streets. An aggressive patrolling and ticketing of student vehicles on neighboring streets has helped to curb intrusions by student vehicles when compared to past reviews. Further, yellow striping of previously designated on-street parking has limited the locations that student vehicles may use for off-campus parking. Previously, field observations indicated that enforcement efforts were active and students were respecting the on-street parking restrictions. There is no indication that this has changed since the prior planning period. Students continue to utilize on-campus surface lots and multimodal means of transit.

g) An analysis of the projected traffic volumes/capacities and levels of service on University roads and roads in the context area, including an analysis of the traffic circulation model used by the host community in projecting traffic circulation in the context area.

The roadway analysis model used by the City of Tallahassee (FAMU's host community) is based on standard ITE (Institute of Transportation Engineers) rates for the corresponding use, or the best available data. The model creates automobile trips per square foot by use as opposed to establishing a capacity model based on the number of students. Roadway impacts are measured based on PM Peak numbers and are consistently updated. Prior to executing the Development Agreement, the City of Tallahassee will evaluate projected traffic volumes / capacities and levels of service on the roadway network.

h) An analysis of improvements that would be required to on-campus roadways to meet the future traffic circulation needs of the University.

Primary improvements include the enhancement of multi-modal travel, with an increase in transit service on and off campus.

The following improvements have been identified in regard to enhancing safety and reducing on campus crashes:

Pedestrian crosswalks and signage is recommended to be upgraded, provide uniformity and in accordance with the Manual on Uniform Traffic Control Devices (MUTCD) latest 2009 Edition. Improved signs for pedestrian include signs series 'R1-5' for crosswalks and 'W11-2' for advance pedestrian crosswalks. In addition, consideration to install "State Law Stop for Peds Within Crosswalk" signs type 'R1-6' series for post mounted signs and 'R1-9' series for overhead signs at signalized intersections.

i) An analysis of improvements that would be required to off-campus roads in the context area adjacent to the University, based on the additional traffic projected to be generated by the University.

Prior to executing the Development Agreement, the City of Tallahassee will evaluate improvements required to off-campus roads in the context area adjacent to the University. FAMU may be responsible for a proportionate fair share of identified improvements if additional traffic generated by the University is identified.

j) An analysis of additional public or University-provided transit that will be required to meet the future needs of the University for the planning period.

The University should continue to coordinate efforts with StarMetro to facilitate additional, or improved, service to the student population living off-campus. These updates could correspond with multi-modal strategies within the MMTD to minimize traffic in and around campus.

k) An analysis of the opportunities to implement transportation system management and transportation demand management techniques and strategies to minimize off-site impacts on roadways within the context area, including:

1. Operational modifications.

Recommendations include the University initiate the following in the immediate future; 1) no right on red turn at signalized intersections, 2) audible traffic signals, 3) pedestrian countdown signals, and 4) illuminated street name signs.

2. Improved utilization of public or University-provided transit.

Assess new FAMU provided shuttle routes to determine ridership frequency and demand from parking lots/garages to internal campus areas and on-campus housing. Continue to coordinate with StarMetro for off-campus transit routes and needs

3. Improvement of pedestrian and non-vehicular circulation facilities.

See recommendations provided under the Pedestrian and Non-vehicular Circulation Sub-Element in this section.

4. Increasing the number of students living on campus.

As a policy goal, FAMU seeks to increase the percentage of students living on campus to 33% by the year 2020.

5. Academic scheduling modifications.

The University continues to be responsive to requests for evening and satellite class offerings.

6. Traffic Management System approaches.

Work with the City to install countdown pedestrian and audible signals at Gamble/Wahnish Way and Osceola/Wahnish Way.

l) The planned location of future facilities identified in the Academic Facilities, Support Facilities and Utilities Elements with accompanying parking to serve these facilities.

As previously mentioned in Section d) 2, there has been discussion on creating a “closed campus” that would limit vehicular access within the interior to service, employees and support services. Student parking would be maintained along the exterior edges of campus, thus limiting parking and automobile congestion and promoting a more pedestrian-friendly environment.

PEDESTRIAN AND NONVEHICULAR CIRCULATION SUB-ELEMENT

(1) DATA REQUIREMENTS. This sub-element shall be based, at a minimum, on the following data:

a) An inventory of existing pedestrian and non-vehicular facilities on the University campus illustrating the location, size and surface material of the facilities.

The existing pedestrian and non-vehicular circulation facilities on the University Main Campus consist primarily of concrete sidewalks. In the campus core and the student services area, walkways are broader and are often associated with pedestrian plazas and special pavings comprised primarily of scored concrete and concrete paver blocks. A well-developed pedestrian plaza occurs in the heart of the campus adjacent to the Student Union and University Commons. Figure 3,3A-B depicts the functional linkages on the Main campus including Pedestrian and Non-vehicular Circulation Routes.

The campus core and student services areas are linked to the parking areas, dormitories, athletic and support facilities by typical five (5) foot wide concrete sidewalks. There is no separation of facilities for bicycles. Existing bicycle racks on campus are located at the Student Services Center, FAMU Village, Gibbs Hall, Paddyfote, the School of Journalism building and one out front of Coleman Library.

b) The planned location of future facilities identified in the Academic Facilities, Support Facilities and Utilities Elements.

This issue will be addressed later in this element to ensure that pedestrian and non-vehicular circulation corridors and facilities shall be planned commensurate with the future needs of the University.

c) An inventory of existing pedestrian and non-vehicular circulation facilities located within the context area adjacent to the University.

All major roadways adjacent to campus have a sidewalk on at least one (1) side of the roadway. Local City east-west roadways connecting to Wahnish Way from the west have sidewalks on one (1) side with the exception of; Kissimmee Street and Palm Beach. Local City roadways connecting to M.L. King from the east have no sidewalks with the exception of FAMU Way and a partial sidewalk along Palmetto Street.

Bike lanes are located along Wahnish Way between Orange Avenue and Osceola Street. FAMU Way provides wide multi-use sidewalks to accommodate bicycle and pedestrian traffic as well as on-street bike lanes in certain locations. FAMU Way / Capital Cascades Trail and Magnolia drive currently provide or shall provide a multi-use sidewalk upon completion of construction. All other roadways in the area have no bicycle facilities, such as bike lanes, wide curb lanes or paved shoulders, and bicycle traffic must share roadways with vehicular traffic.

d) An inventory of the planned pedestrian and non-vehicular circulation facilities located in the host community in the context area illustrating the location, size and function planned for each facility, as identified in the host community Bicycle Plans or other related documents.

Four (4) specific improvements are located in the current Regional Mobility Plan with a community priority ranking and estimated costs as follows:

- #25 – Pasco Street, Wies Street to Orange Avenue - Sidewalks, \$148,554
- #53 – Neighborhood street west of FAMU (recommended: Floral Street, Disston to Russell) Sidewalks, \$26,528
- #56 – Neighborhood street west of FAMU (recommended: Holton Street, Campbell to Wies) Sidewalks, \$116,721
- #113 – Wahnish Way, FAMU Way to Osceola Street, Sidewalks, \$1,265,795

Following a 2014 update, Gaines Street now has wide sidewalks and on-street parking on both sides of the roadway. FAMU Way includes on-street parking, bike lanes and a multi-use trail on the north and a sidewalk on the south (15' and 11' in width, respectively).

Source: Tallahassee-Leon County Comprehensive Plan, 2014

e) An inventory of existing problem areas on campus related to pedestrian and non-vehicular circulation. Data must include statistics on accidents involving, and violent crimes committed against pedestrians and bicyclists on campus and in the context area. Statistics must include type of crime or accident, location and time of occurrence. Data on violent crimes must indicate gender of victim and suspect(s).

Improved safety for pedestrians crossing Wahnish Way between Gamble Street and Osceola Street, which occur near the FAMU parking garage, Student Services Center, Gibbs Hall, Gather Gym and other campus facilities separated by Wahnish Way.

(2) ANALYSIS REQUIREMENTS. This sub-element shall provide, at a minimum, the following analyses for the planning period:

a) An analysis of the amount and type of pedestrian and non-vehicular circulation facilities that will be required to meet the needs of projected University enrollment, including the basis for this analysis.

As the City's priority in achieving a multi-modal transportation system (with funding priorities for bicycle, pedestrian and transit facilities within the MMTD) makes progress, the planning for secure and central parking areas for bicycle commuters (bike racks) in the applicable primary University land uses is necessary. The on-campus uses that will benefit the most from bike racks include: housing, student services, academic and athletic areas. Bicycle facilities and usage should be further promoted through the designation of 'Shared Lane' markings and signs to indicate roadways are shared with cyclists.

Pedestrian linkages from existing campus activities to anticipated expansion should offer comfortable and convenient access to accommodate peak loads of pedestrian traffic. Specifically, FAMU should pursue the City to install recommended east-west sidewalk connections to the Main Campus from Adams Street and a bicycle route with sidewalks on both sides along M.L. King. An installation of a sidewalk on the south side of Osceola Street is desired for enhanced mobility, along with a need for additional bus shelters or benches at transit stops across campus.

b) An analysis assessing the need for pedestrian and non-vehicular circulation facilities in the context area with reference to those facilities serving areas of off-campus student housing, or other off-campus student activities.

Pedestrian circulation facilities are adequate, specifically in the context area and along the University's primary vehicular routes; Wahnish Way, Martin Luther King, Jr. Boulevard and Gamble Street. The University should continue to work closely with City staff as plans progress for enhancements surrounding the campus, to ensure that bus stops are located as close as possible to existing and proposed student housing.

FAMU Way and Capital Cascades Trail provides a multi-use trail and sidewalks adjacent to the northern boundary of Main Campus. In addition, Capital Cascades Trail will

provide a pedestrian connection between Cascades Park and the University. Enhancement of pedestrian facilities along Martin Luther King, Jr. Boulevard will improve service to student housing located in the area north of FAMU Way and Gaines Street.

c) An analysis of lighting conditions along pedestrian and non-vehicular circulation routes to identify areas where lighting is inadequate.

Recent installation of pole mounted light fixtures has improved levels of lighting throughout campus. The University will continue to evaluate lighting conditions along pedestrian and non-vehicular circulation routes and identify necessary enhancements.



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- 069 - FOSTER-TANNER CERAMIC CENTER
- 070 - FOSTER-TANNER ART CENTER
- 071 - GORE EDUCATION COMPLEX
- 072 - D.R.S. GYM

- 073 - FOSTER-TANNER BAND BUILDING
- 074 - DYSON PHARMACY
- 075 - COLLEGE OF PHARMACY
- 076 - SMALL ANIMAL LAB
- 078 - F&P
- 079 - UNIVERSITY PARKING SERVICES(M)
- 080-082 - P.O.M. BUILDINGS A-C
- 083 - P.O. HAZARDOUS STORAGE-A
- 084 - P.O. HAZARDOUS STORAGE-B
- 086 - P.O. MECH. CHILLER
- 087 - P.O.M. STORAGE
- 088 - ATHLETICS ACADEMICS
- 089 - LEARNING DEVELOPMENT EDUC. CENTER
- 090 - (M)
- 092 - TITLE THREE-FGMP(M)
- 093 - UNIVERSITY PARKING SERVICES / INFO
- 094 - FOSTER-TANNER OBSERVATION TOWER
- 096 - S.B.I. (M) I
- 097 - S.B.I. (M) II

- 103 - PHYSICAL PLANT STORAGE-A
- 104 - PHYSICAL PLANT TRANSITION CENTER
- 111-114 - BENJAMIN BANNER BLDGS A-D
- 115-118 - PADDYFOOTE COMPLEX A-D
- 124 - GIBBS COTTAGE
- 131-133 - SCHOLARSHIP HOUSES
- 134 - CHILDCARE CENTER
- 135 - D.R.S. HEALTH
- 136-151 - POLKINGHORNE VILLAGE APTS.
- 152-160 - PALMETTO STREET APARTMENTS
- 161 - WILLIAM GRAY, JR. PLAZA
- 162-164 - PALMETTO HOUSING PHASE III
- 165-167 - OLD D.R.S.
- 170 - STUDENT SERVICES CENTER
- 171 - PARKING GARAGE I
- 200 - EVENING AND WEEKEND COLLEGE
- 201 - D.R.S. CAREER
- 202 - COMM. DEVELOPMENT PROGRAM
- 203 - FAMU UNDERGRAD PROGRAM

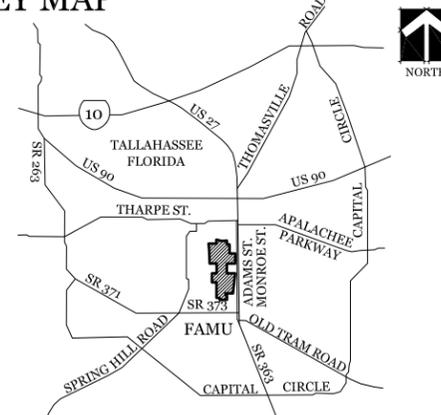
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- 205 - SCHOOL OF ARCHITECTURE
- 206 - POLICE STORAGE
- 300 - BRAGG STADIUM
- 305 - GALIMORE-POWELL ATHLETIC FIELD HOUSE
- 315 - MULTI-PURPOSE GYMNASIUM
- 561-562 - PERRY-PAIGE BUILDING
- 601-604 - STUDENT UNION COMPLEX
- 605-608 - SOUTH PALMETTO BLDG A-D
- 609 - S. PALMETTO COMMONS BLDG-E
- 610 - S. PALMETTO COMMONS BLDG-F
- 701 - NEW D.R.S. GYMNASIUM
- 702 - NEW D.R.S. ADMIN. BUILDING
- 703 - NEW D.R.S. ELEMENTARY SCHOOL
- 704 - NEW D.R.S. CAFETERIUM
- 705 - NEW D.R.S. MIDDLE SCHOOL
- 706 - NEW D.R.S. HIGH SCHOOL

PARKING INVENTORY MAP (NORTH)

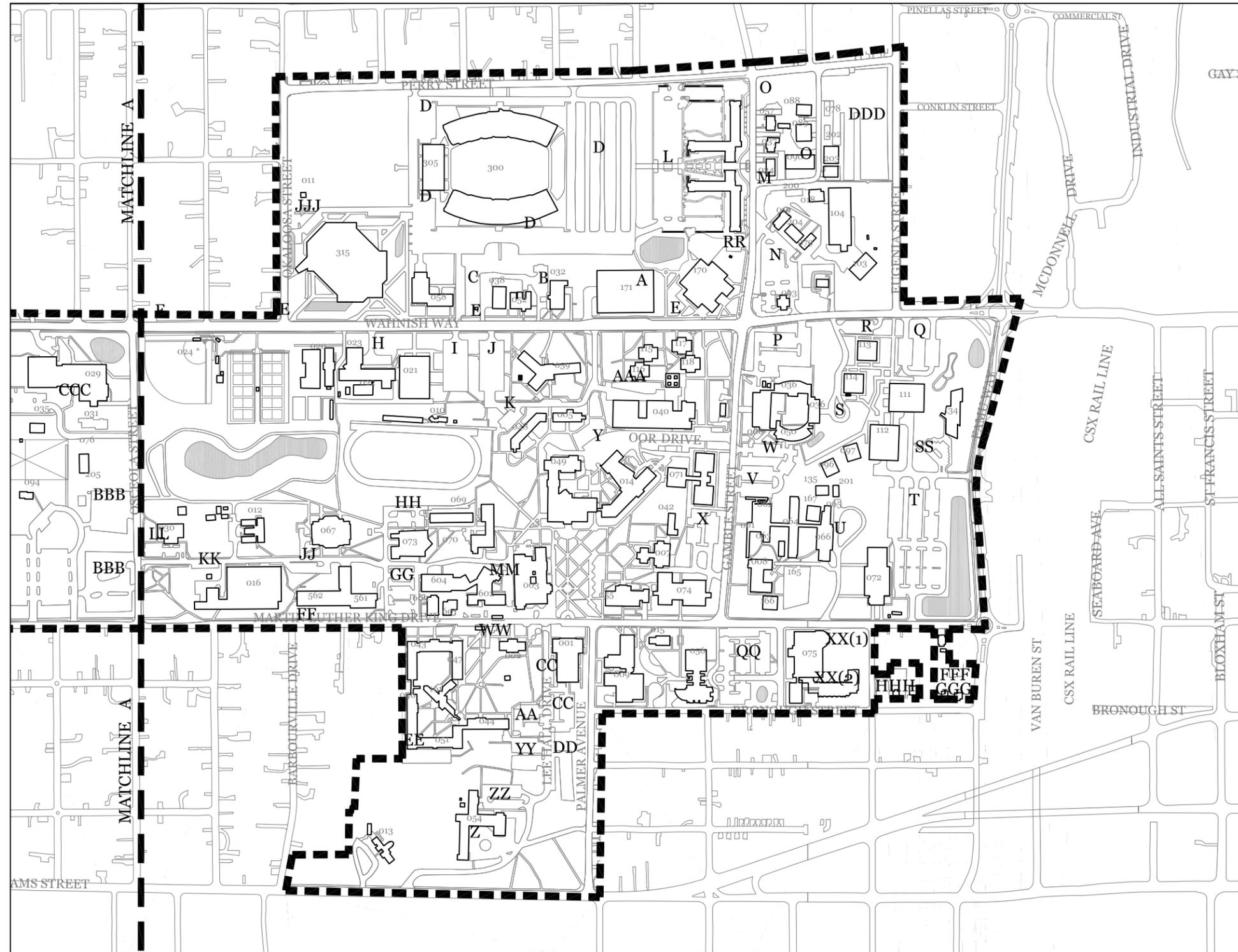
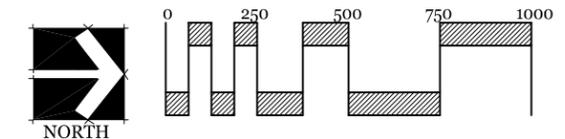
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BB PARKING LOT ID

KEY MAP

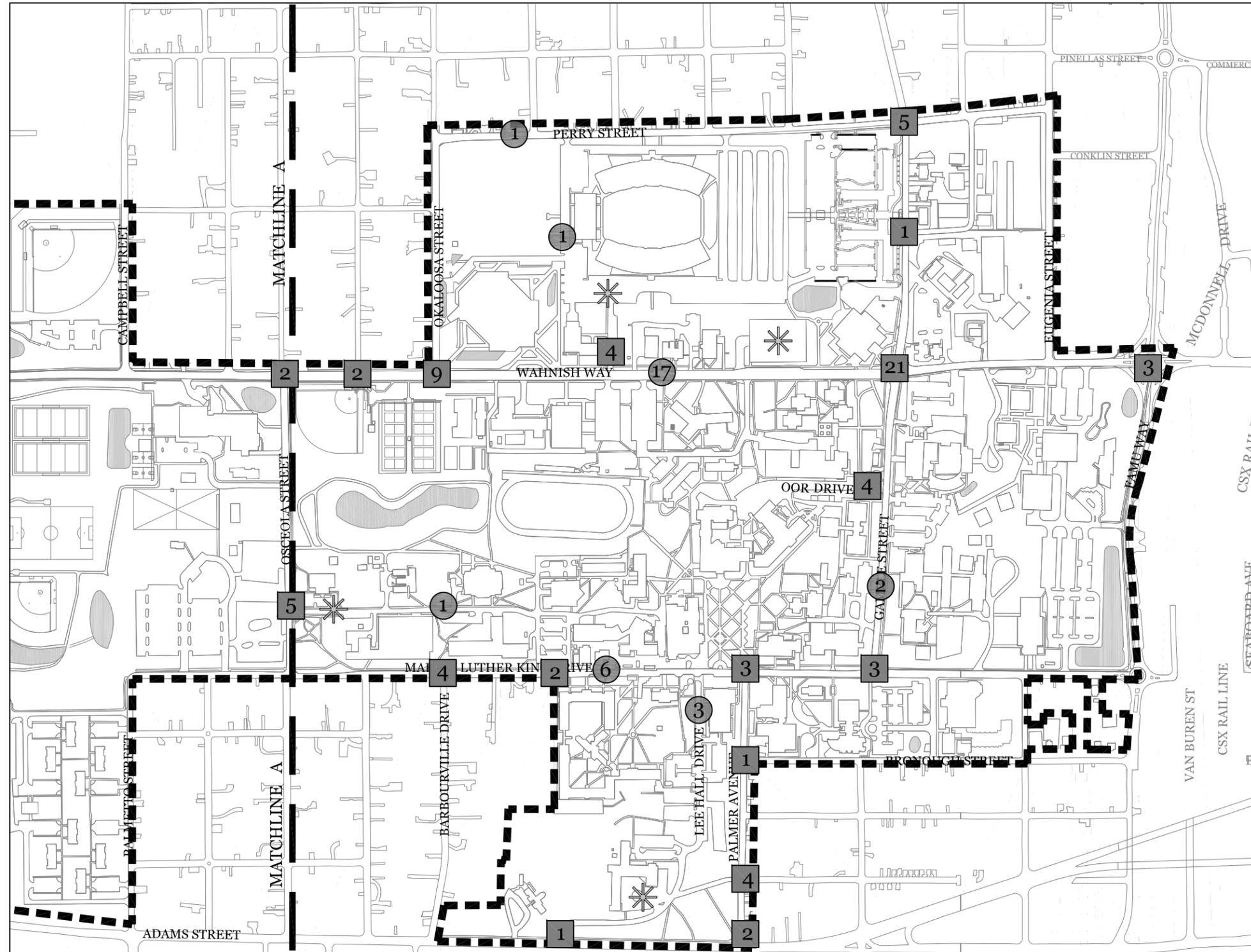


2015-2025 MASTER PLAN
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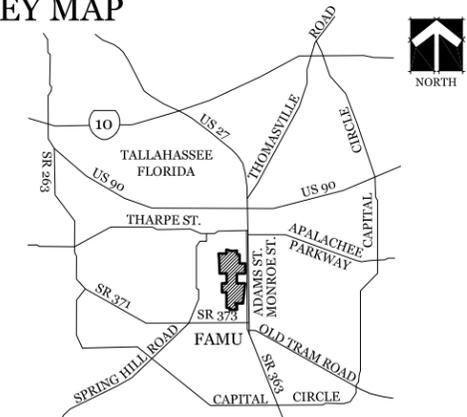
CRASH LOCATIONS MAIN CAMPUS MAP (NORTH)



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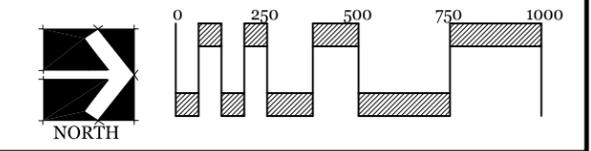
- 1 INTERSECTION CRASH
- 1 MID-BLOCK CRASH
- * PARKING(GARAGE/LOT) CRASH

KEY MAP



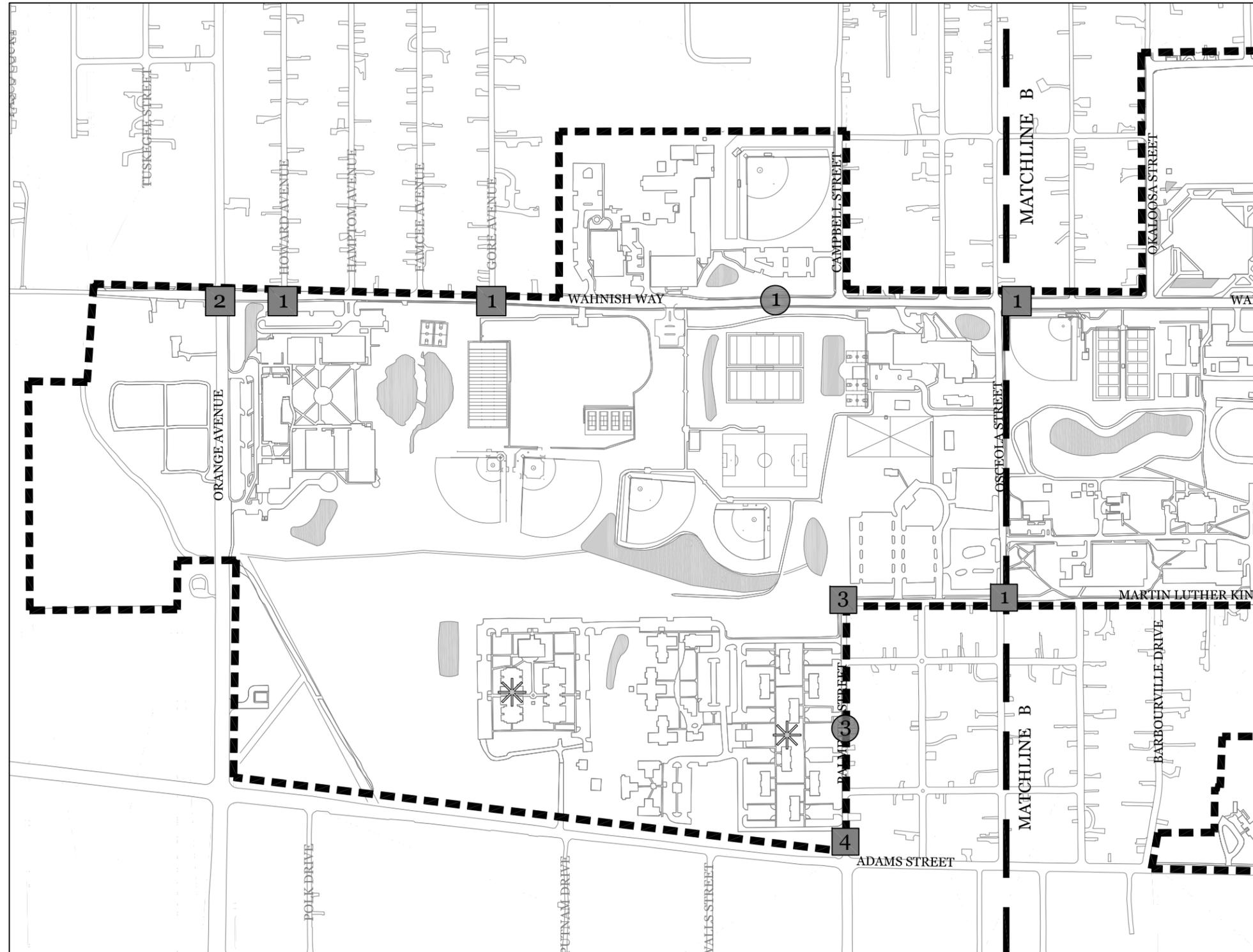
2015-2025 MASTER PLAN
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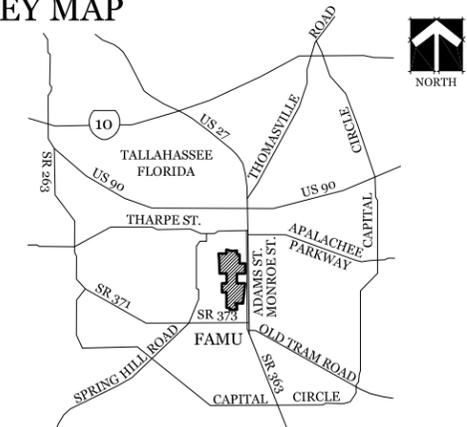
CRASH LOCATIONS MAIN CAMPUS MAP (SOUTH)



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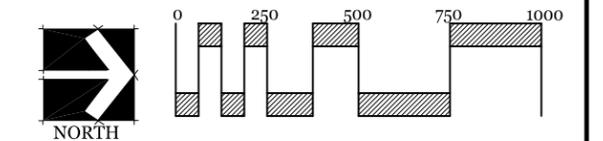
- 1 INTERSECTION CRASH
- 1 MID-BLOCK CRASH
- * PARKING(GARAGE/LOT) CRASH

KEY MAP



2015-2025 MASTER PLAN
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TALLAHASSEE, FLORIDA

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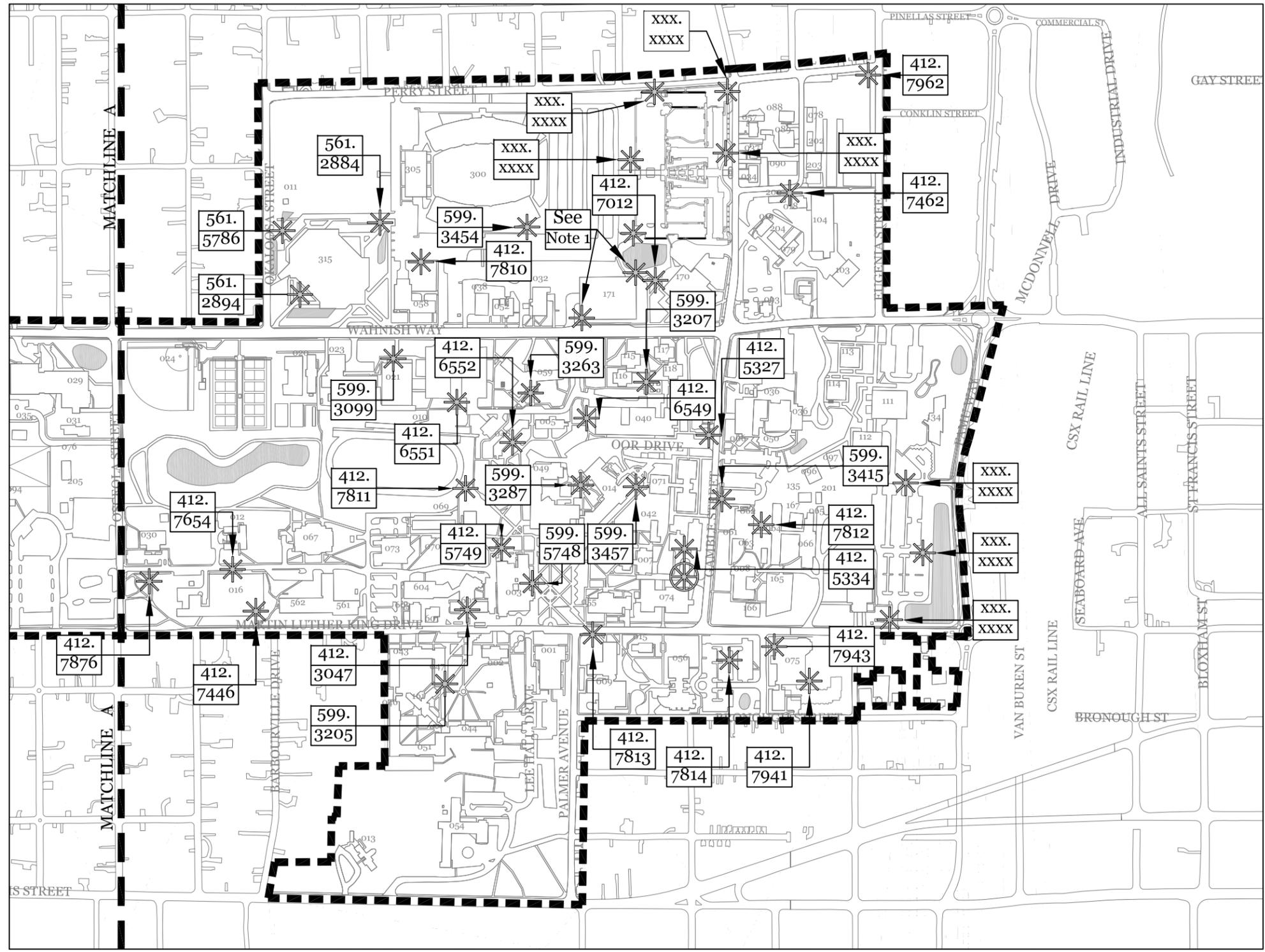
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- 071 - GORE EDUCATION COMPLEX
- 072 - D.R.S. GYM

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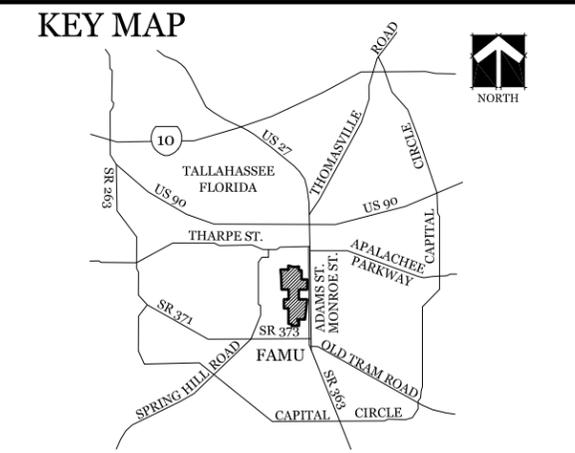
- 204 - A&S ELECTRONIC CLASSROOM
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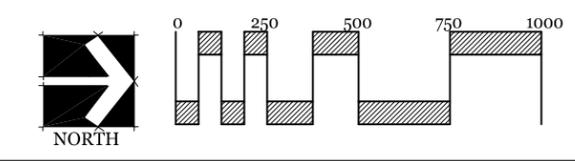
EMERGENCY STATIONS

- LEGEND:**
- EMERGENCY CALL STATION LOCATION (BLUE LIGHT)
 - EMERGENCY CALL STATION IDENTIFICATION NUMBER
 - EMERGENCY NOTIFICATION / SIREN WARNING SIGNAL

Note 1: Parking garage includes station numbers 412.7008, 412.7009, 412.7010, 412.7011, 412.8189, and 412.8190



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- 019 - ENVIRONMENTAL SCIENCES INST.
- 021 - GAITHER GYMNASIUM

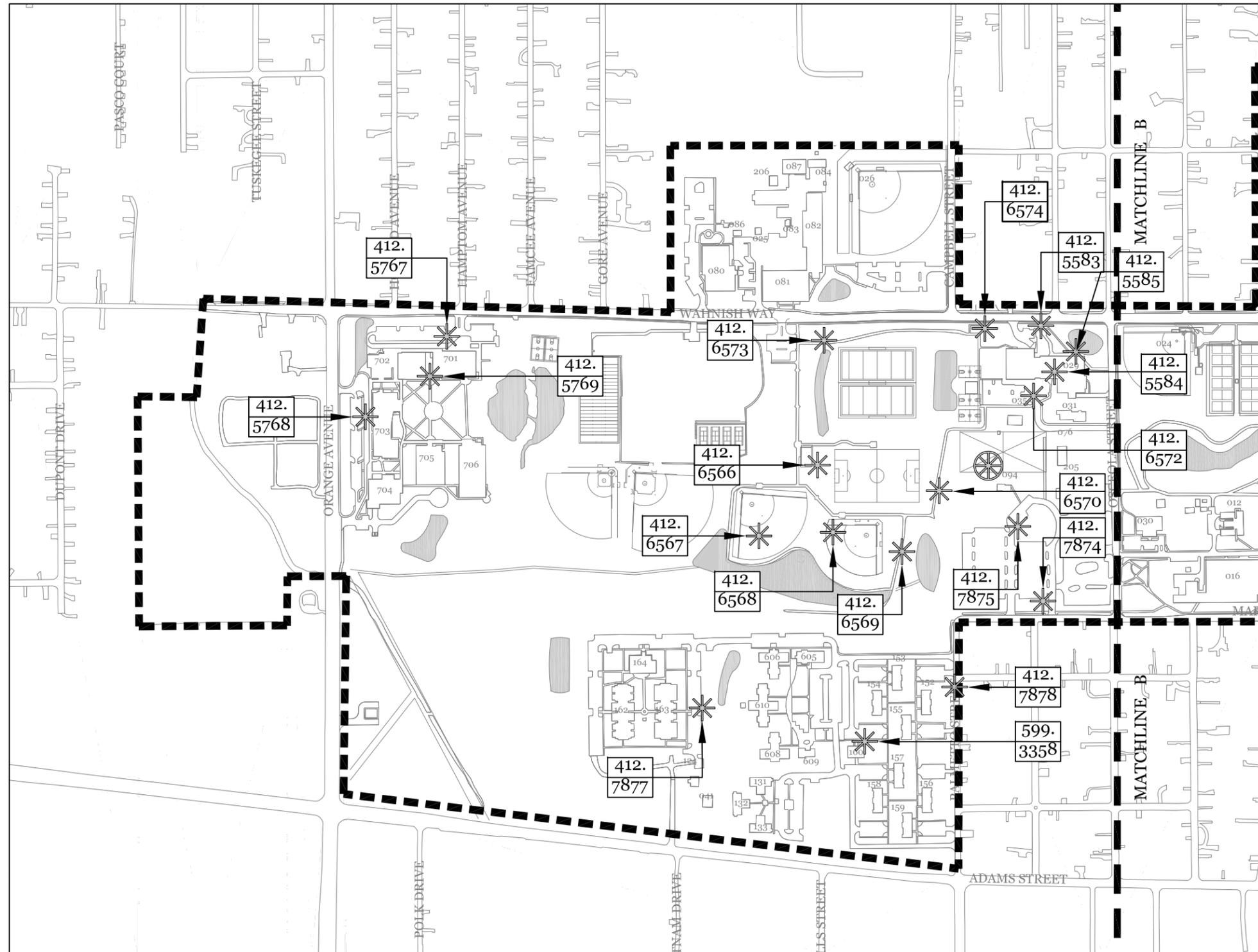
- 022 - GAITHER OFFICE & CLASSROOM
- 023 - L.S. BARTLEY ATHLETIC COMPLEX
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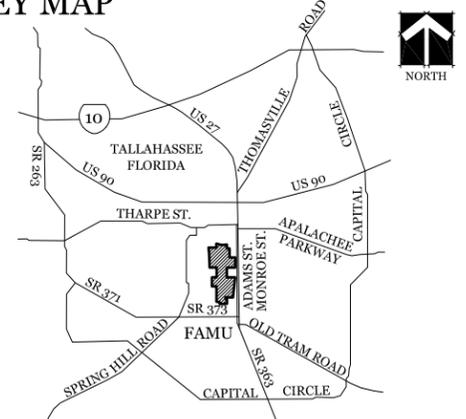
EMERGENCY STATIONS

LEGEND:

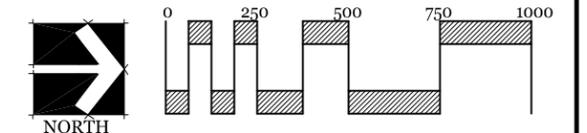
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KEY MAP



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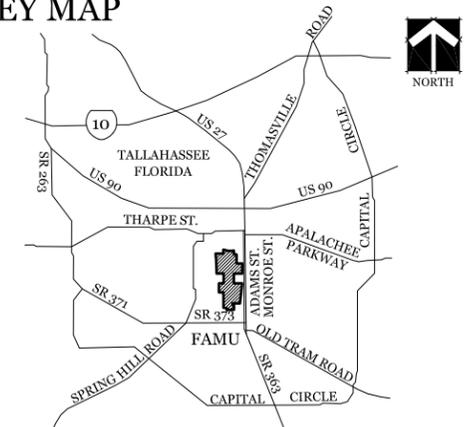
TRAFFIC ANALYSIS ZONES (TAZ)

LEGEND:

- △ On-campus Traffic Analysis Zone
- ▲ Adjacent Traffic Analysis Zone



KEY MAP



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 **NOT TO SCALE**
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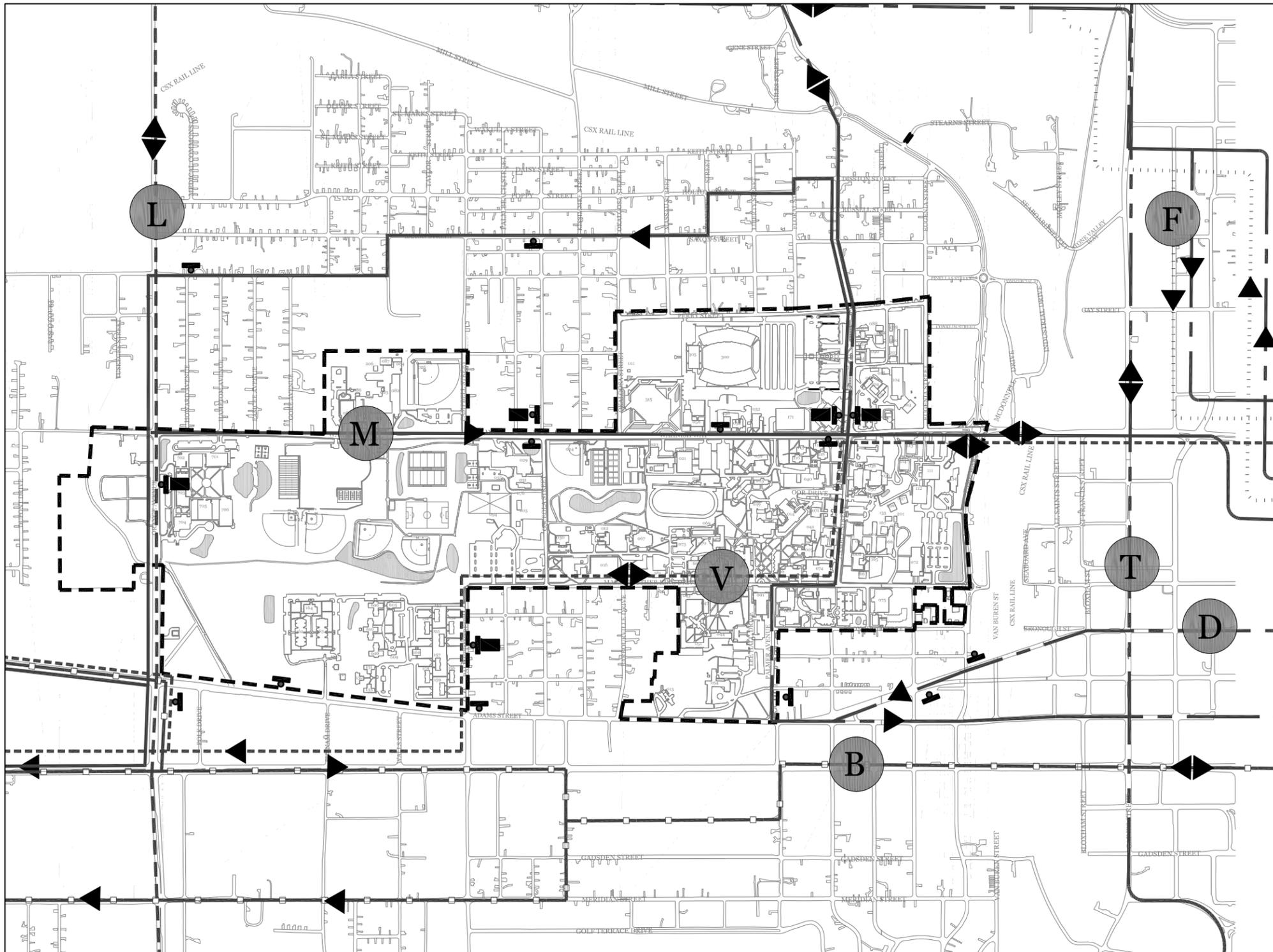
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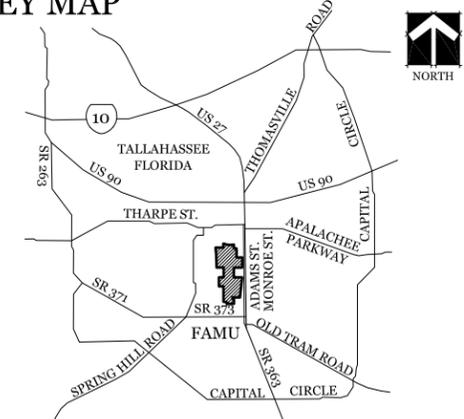


STAR METRO WEEKDAY ROUTES

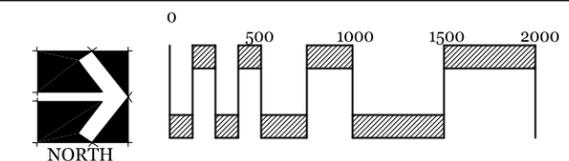
LEGEND:

- TRANSIT STOP
- TRANSIT SHELTER
- BUS B
- BUS D
- BUS F
- BUS L
- BUS M
- BUS T
- VENOM EXPRESS

KEY MAP



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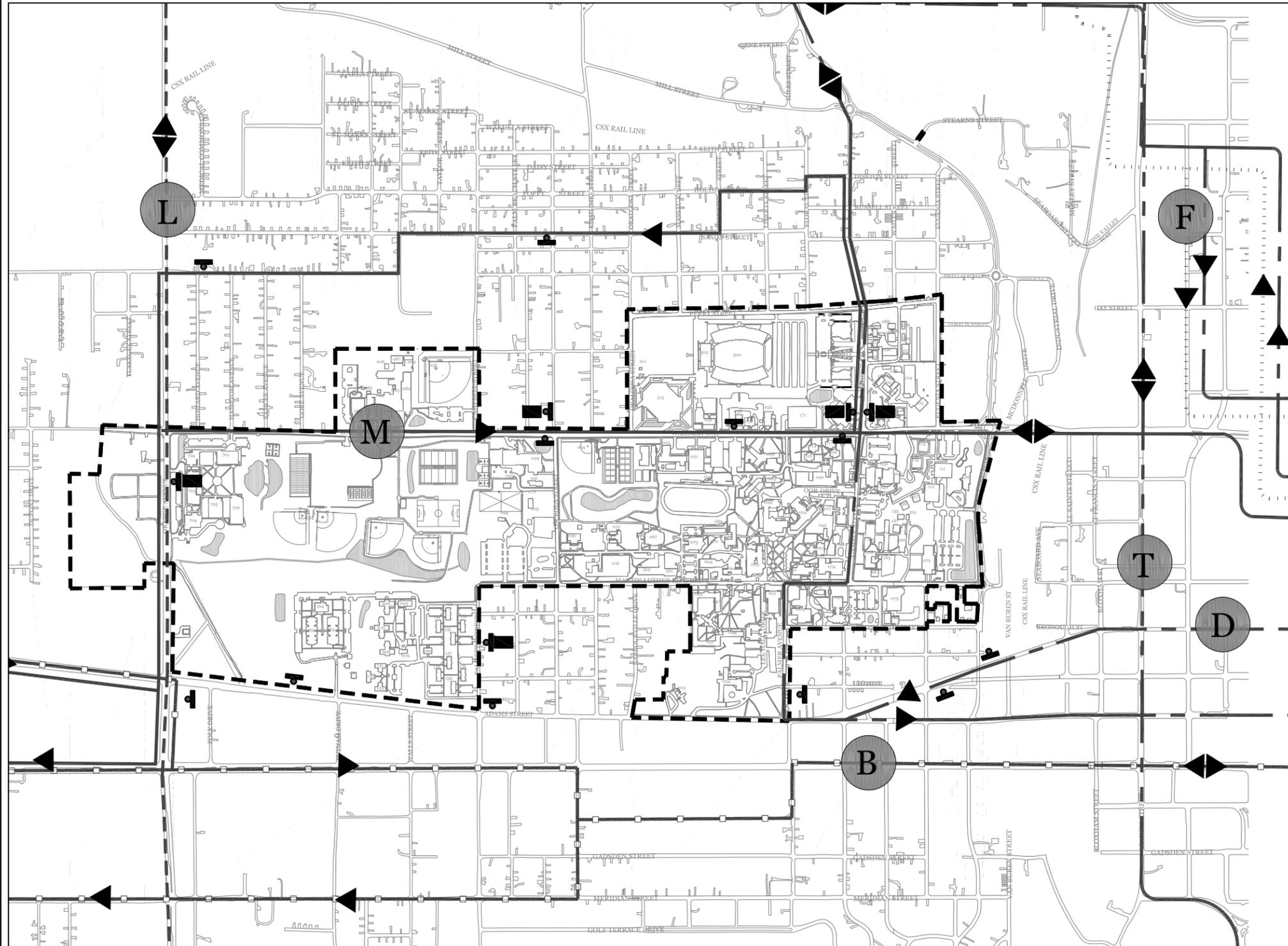
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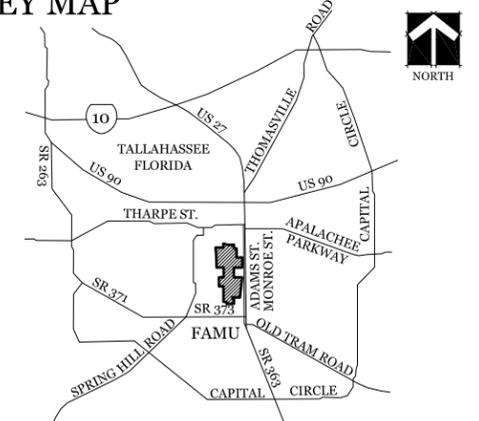


STAR METRO SATURDAY ROUTES

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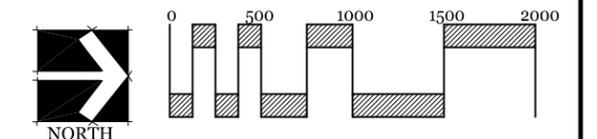
- TRANSIT STOP
- TRANSIT SHELTER
- BUS B
- BUS D
- BUS L
- BUS M
- BUS T

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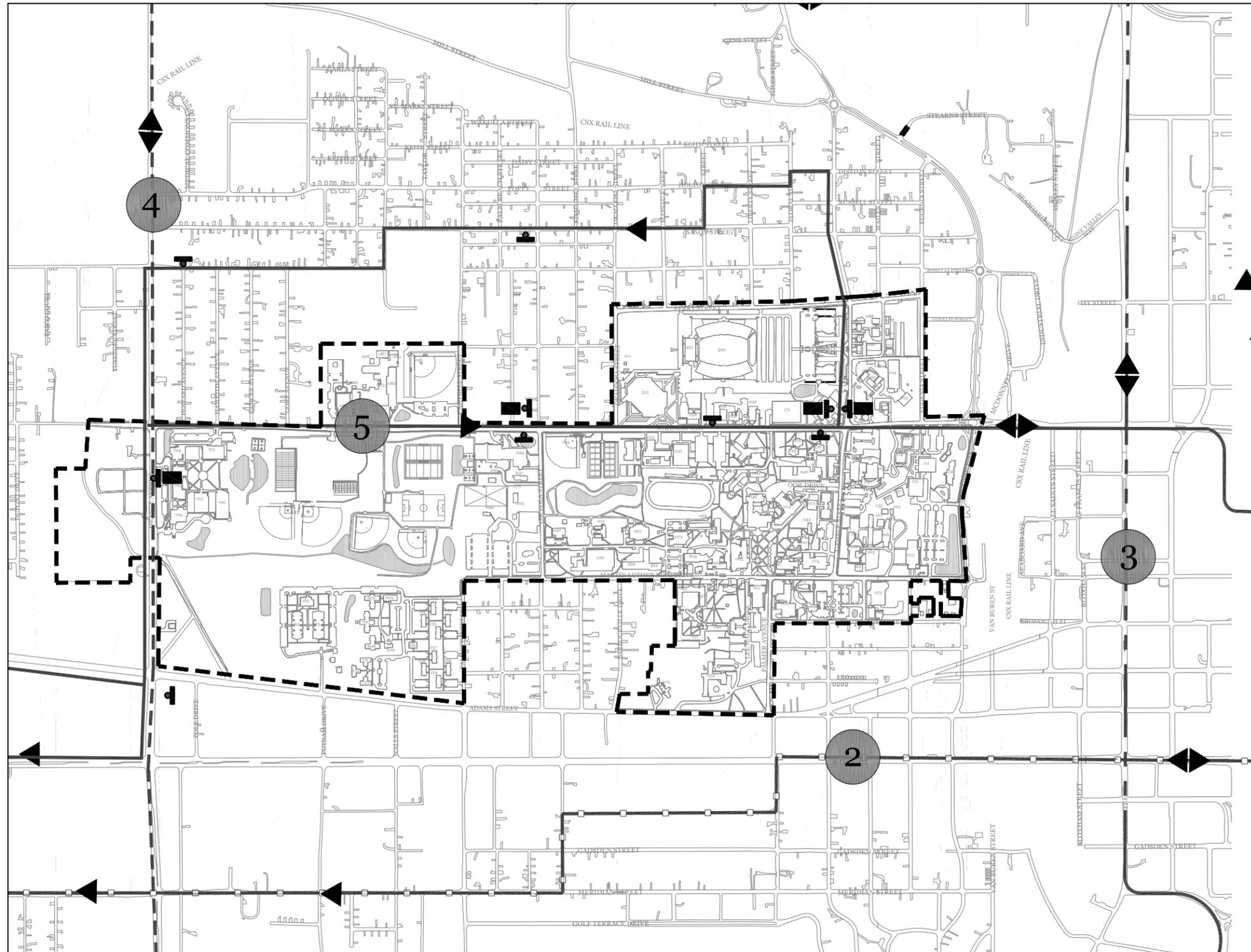
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 071 - GORE EDUCATION COMPLEX
 072 - D.R.S. GYM

073 - FOSTER-TANNER BAND BUILDING
 074 - DYSON PHARMACY
 075 - COLLEGE OF PHARMACY
 076 - SMALL ANIMAL LAB
 078 - F&P
 079 - UNIVERSITY PARKING SERVICES(M)
 080-082 - P.O.M. BUILDINGS A-C
 083 - P.O. HAZARDOUS STORAGE-A
 084 - P.O. HAZARDOUS STORAGE-B
 086 - P.O. MECH. CHILLER
 087 - P.O.M. STORAGE
 088 - ATHLETICS ACADEMICS
 089 - LEARNING DEVELOPMENT EDUC. CENTER
 090 - (M)
 092 - TITLE THREE-FGMP(M)
 093 - UNIVERSITY PARKING SERVICES / INFO
 094 - FOSTER-TANNER OBSERVATION TOWER
 096 - S.B.I. (M) I
 097 - S.B.I. (M) II

103 - PHYSICAL PLANT STORAGE-A
 104 - PHYSICAL PLANT TRANSITION CENTER
 111-114 - BENJAMIN BANNER BLDGS A-D
 115-118 - PADDYFOOTE COMPLEX A-D
 124 - GIBBS COTTAGE
 131-133 - SCHOLARSHIP HOUSES
 134 - CHILDCARE CENTER
 135 - D.R.S. HEALTH
 136-151 - POLKINGHORNE VILLAGE APTS.
 152-160 - PALMETTO STREET APARTMENTS
 161 - WILLIAM GRAY, JR. PLAZA
 162-164 - PALMETTO HOUSING PHASE III
 165-167 - OLD D.R.S.
 170 - STUDENT SERVICES CENTER
 171 - PARKING GARAGE I
 200 - EVENING AND WEEKEND COLLEGE
 201 - D.R.S. CAREER
 202 - COMM. DEVELOPMENT PROGRAM
 203 - FAMU UNDERGRAD PROGRAM

204 - A&S ELECTRONIC CLASSROOM
 205 - SCHOOL OF ARCHITECTURE
 206 - POLICE STORAGE
 300 - BRAGG STADIUM
 305 - GALIMORE-POWELL ATHLETIC FIELD HOUSE
 315 - MULTI-PURPOSE GYMNASIUM
 561-562 - PERRY-PAIGE BUILDING
 601-604 - STUDENT UNION COMPLEX
 605-608 - SOUTH PALMETTO BLDG A-D
 609 - S. PALMETTO COMMONS BLDG-E
 610 - S. PALMETTO COMMONS BLDG-F
 701 - NEW D.R.S. GYMNASIUM
 702 - NEW D.R.S. ADMIN. BUILDING
 703 - NEW D.R.S. ELEMENTARY SCHOOL
 704 - NEW D.R.S. CAFETERIUM
 705 - NEW D.R.S. MIDDLE SCHOOL
 706 - NEW D.R.S. HIGH SCHOOL

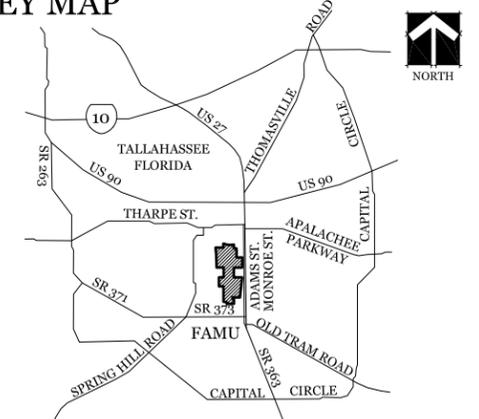


STAR METRO NIGHTS AND SUNDAY ROUTES

LEGEND:

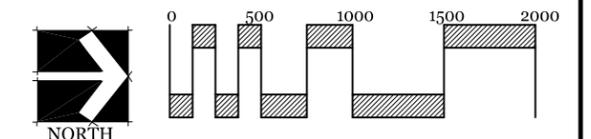
- TRANSIT STOP
- TRANSIT SHELTER
- BUS 2
- BUS 3
- BUS 4
- BUS 5

KEY MAP



2015-2025 MASTER PLAN
 INVENTORY & ANALYSIS
**FLORIDA A&M
 UNIVERSITY**
 TALLAHASSEE, FLORIDA

DATE: JANUARY 2018



14.0 Capital Improvements Element

PURPOSE

The purpose of this element is to evaluate the need for public facilities as identified in the other campus Master Plan elements; to estimate the cost of improvements for which the University has fiscal responsibility; to analyze the fiscal capability of the University to finance and construct improvements; to adopt financial policies to guide the funding of improvements and to schedule the funding and construction of improvements in a manner necessary to ensure that capital improvements are provided when required based on needs identified in the other Master Plan elements.

(1) DATA REQUIREMENTS. This element shall be based, at a minimum, on the following data:

a) The element shall be based on the facility needs as identified in the other elements and shall support the future needs as identified in the future land use element.

The facility needs for Florida Agricultural and Mechanical University were derived from an analysis of the other elements of this plan. The important items, along with anticipated costs are contained in Table 14.1.

Table 14.1 Five-Year Capital Improvement Plan and Legislative Budget Request Period 2018-23

Priority No.	Project	2018-19	2019-20	2020-21	2021-22	2022-23
PECO ELIGIBLE PROJECT REQUESTS						
1	Student Affairs Building / CASS	\$21,473,149	\$3,100,000	\$0	\$0	\$0
2	Infrastructure-Central Plant Improvements	\$4,850,000	\$4,400,000	\$7,850,000	\$0	\$0
3	Classroom Technology / Distance Learning Upgrade / New	\$10,671,100	\$87,500	\$0	\$0	\$0
4	FAMU / FSU College of Engineering Phase III	\$15,200,000	\$66,000,000	\$5,800,000	\$0	\$0
5	Interdisciplinary Research Buildout	\$13,968,122	\$0	\$0	\$0	\$0
6	Stem Teaching Lab / Dyson Building Re-Purpose (Remodel)	\$0	\$4,953,500	\$11,202,200	\$2,650,000	\$0
7	Army ROTC / Howard Hall Re-Purpose (Remodel)	\$0	\$674,758	\$6,880,974	\$518,640	\$0

Table 14.1 (continued)**Five-Year Capital Improvement Plan and Legislative Budget Request Period 2018-23**

8	Foote - Hilyer Ground and 1 st Floor Re-Purpose (Remodel)	\$0	\$5,053,500	\$17,360,700	\$0	\$0
9	Navy ROTC / Perry-Paige Re Purpose (Remodel) / Addition	\$0	\$2,442,439	\$24,689,405	\$1,620,000	\$0
10	Computer Information Systems Building	\$0	\$3,177,000	\$47,372,400	\$2,725,362	\$0
11	Science Teaching Facility (STEM)	\$0	\$4,210,167	\$48,485,560	\$2,737,678	\$0
12	Social Sciences Building	\$0	\$2,026,000	\$28,115,951	\$1,337,080	\$0
13	Engineering Technology Building	\$0	\$1,417,200	\$21,819,904	\$1,650,000	\$0
14	General Classroom Phase II	\$0	\$0	\$2,872,401	\$34,135,427	\$1,432,627
15	Land Acquisitions	\$0	\$6,500,000	\$4,500,000	4,500,000	\$0
CITF PROJECT REQUESTS						
1	Student Union	\$2,200,000	\$23,800,000	\$3,100,000	\$0	\$0
REQUESTS FROM NON-STATE SOURCES, INCLUDING DEBT						
1	P3 Housing – Pentaplex and Town Center	\$22,580,547	\$22,580,547	\$22,580,547	\$22,580,547	\$0
2	P3 - Retail	\$2,151,227	\$2,151,227	\$2,151,227	\$0	\$0
3	P3 – Parking Garage and Surface Parking	\$10,609,715	\$10,609,715	\$10,609,715	\$0	\$0
4	Food Service Building	\$960,000	\$12,000,000	\$2,040,000	\$0	\$0
5	P3 – Stadium and Athletic Fields	\$22,679,862	\$22,679,862	\$22,679,862	\$0	\$0
6	Tallahassee Biological Control (Entomology Facility)	\$1,617,500	\$23,126,882	\$518,640	\$0	\$0

Source: FAMU, Capital Improvement Plan 2017-18 through 2021-22, May 2016

* Conjunction in request with similar request from Florida State University

b) An inventory of existing and anticipated revenue sources and funding mechanisms available for capital improvement financing, such as ad valorem funds, state funds, bonds, impact fees, gas tax, etc.

The mechanisms employed by FAMU to fund needed capital improvements generally come from the following sources, each of which is briefly described below:

PECO Funds. These monies are generated by the Statewide Gross Receipts Tax and the State Infrastructure Fund. These monies are distributed annually to the Universities by the Florida Board of Governors and represent the single largest capital funding source for FAMU.

Capital Improvements Trust Fund (CITF). These monies are generated by student fees on a per-credit hour basis. Once collected, these monies are remitted to the Florida Board of Governors for redistribution among the schools. These funds are normally combined with PECO funds prior to being received by the Universities. These fund allocations can be distinguished and represent the second largest capital funding source for FAMU.

c) An inventory of operations and maintenance costs for existing facilities.

Operating and maintenance costs typically originate primarily from the Physical Facilities Department, which includes the physical plant. According to this department, the University plans to expend approximately \$22,000,000 on Plant Operations and Maintenance-related costs in fiscal year 2015-16. Plant Operations and Maintenance program component budgeted amount includes funding for the Physical Plant, Facilities Planning and Environmental Health and Safety. Plant Operations and Maintenance receives increase funding based on the increase in gross square footage.

(2) ANALYSIS REQUIREMENTS. This element shall be based, at a minimum, on the following analyses:

a) An analysis of current University practices that guide the timing and location of construction extensions or increases in the capacity of University facilities.

FAMU relies heavily on the timing and receipt of funds generated from PECO and CITF. These funds are administered by SUS and therefore require that planned improvements be funded and consistent with state approval and timing, particularly as they relate to the use of PECO Funds. The University does maintain more flexibility in funding housing and parking area improvements since these are typically funded through the commitment of rental rates and parking fees towards debt service requirements. The timing of these improvements is, however, guided by the demand for such facilities since their efficient utilization is needed to pay for these improvements.

b) An estimate of the cost of each of the on-campus capital improvements identified in the other plan elements, including

consideration of inflation factors and the relative priority of need ranking.

These items, along with relative priority, are depicted in Table 14.1.

b) An estimate of the cost of future capital improvements that may be required off the University campus to support the future infrastructure and traffic functions of the University.

With the exception of traffic capacity, the majority of infrastructure impacts created by FAMU are to be assessed in conjunction with the city of Tallahassee. Previous infrastructure and utility analysis (9.0 General Infrastructure Element) indicate that these needs will be addressed due to FAMU's establishment of level-of-service standards that do not conflict with those of the host community. The University will adopt a level-of-service standard for transportation roadways. Furthermore, the majority of known projects are associated with roadways. These projects, combined with the acquisition by the host community for right-of-way areas for other road projects near the campus, should minimize those costs borne by FAMU.

c) A description of the basis of the cost estimates.

These estimates were based on an examination of costs on similar projects at other locations. They should be re-examined on an annual basis.

d) An assessment of the University's ability to finance capital improvements including:

1. Forecasting of revenue and expenditures for the planning period.
 - a. 3-year committed. See Table 14.2.

Table 14.2 Operational Maintenance Strategies

Preventative Maintenance Costs	2010-11	2011-12	2012-13	2013-14	2014-15
Salaries and Benefits	\$2,092,263	\$2,196,876	\$2,306,720	\$2,422,056	\$2,543,159
OPS	\$155,051	\$162,804	\$170,944	\$179,491	\$188,466
Expenses	\$1,916,676	\$2,012,510	\$2,113,136	\$2,218,793	\$2,329,732
Other	\$61,776	\$64,865	\$68,108	\$71,513	\$75,089
Total	\$4,225,767	\$4,437,055	\$4,658,908	\$4,891,853	\$5,136,446
General Maintenance Costs					
Salaries and Benefits	\$4,881,945	\$5,126,042	\$5,382,344	\$5,651,461	\$5,934,034
OPS	\$361,786	\$379,876	\$398,870	\$418,814	\$439,754
Expenses	\$4,472,242	\$4,695,854	\$4,930,646	\$5,177,178	\$5,436,037
Other	\$194,595	\$204,324	\$214,401	\$225,121	\$236,377
Total	\$9,910,568	\$10,406,096	\$10,926,401	\$11,472,574	\$12,046,203

Source: FAMU and Wood+Partners, 2012; Operational Maintenance Strategies data was not available at the time this update was prepared.

b. 10-year projected.

Table 14.2 indicates operational maintenance strategies until the year 2014-2015.

2. Projection of operating costs for existing and future facilities.

Projected operations and maintenance cost will be based on the level of construction or gross square footage that is added. Operating costs are anticipated to increase by approximately three (3) to five (5) percent annually for existing and new facilities.

3. Projections of other tax bases and revenue sources, such as impact and user fees.

No other revenue sources are anticipated to be utilized other than those already referenced herein.

e) An analysis comparing the host community's and the University's cost estimates for future improvements generated by University infrastructure impacts.

Replacement of existing infrastructure systems is of primary importance when assessing FAMU's impacts on the host community and its ability to provide the infrastructure needs. A process for identifying and mitigating University-generated impacts will need to be undertaken as part of the statutory campus planning requirements. At this time, these impacts are either not known or have not been fully evaluated by either FAMU or the host community for the purposes of establishing the timing and/or cost estimate for these improvements.