



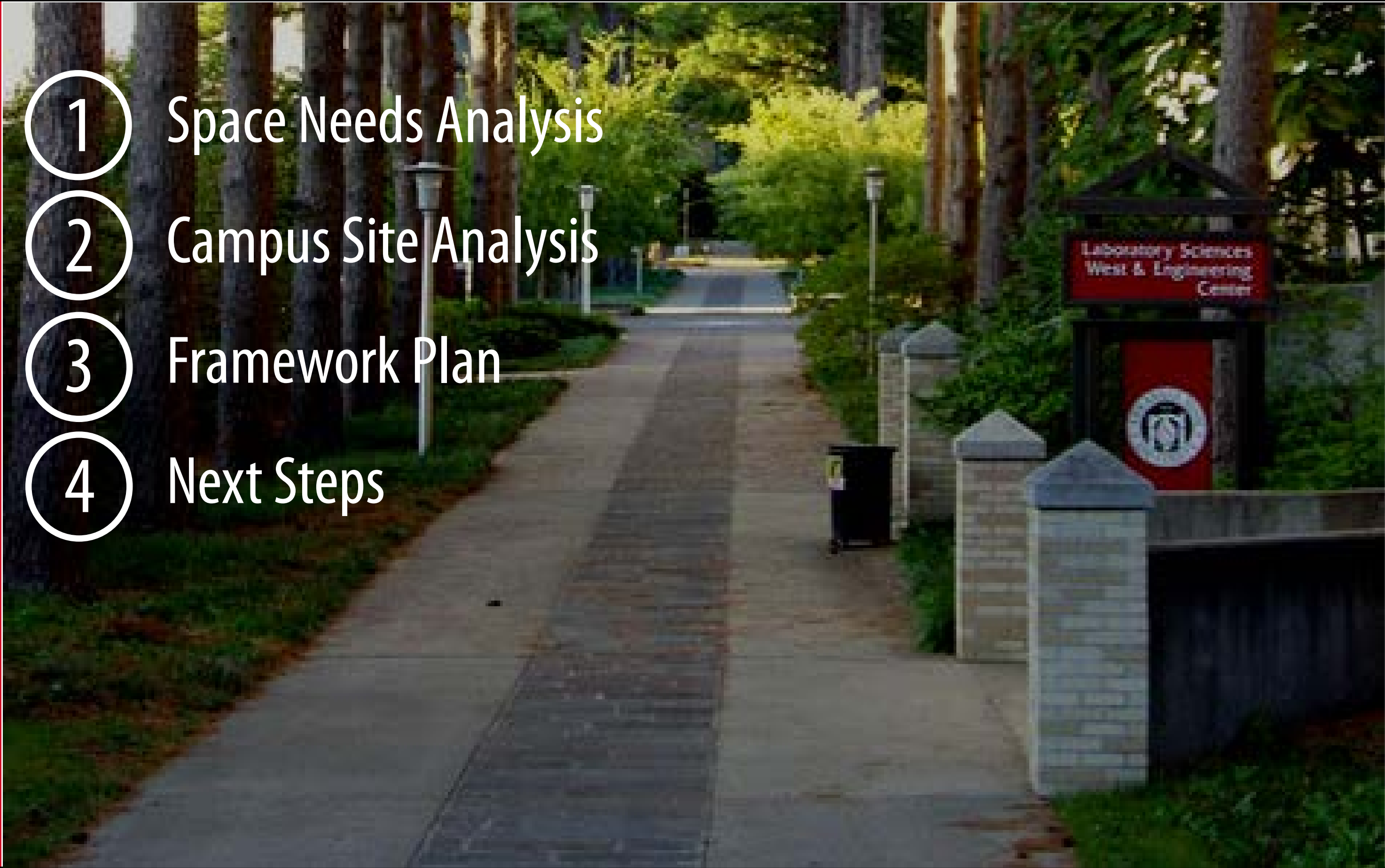
Campus and Community Analysis

December 6, 2011

JJR

Crafton Tull
Paulien & Associates
The Protection Engineering Group

- ① Space Needs Analysis
- ② Campus Site Analysis
- ③ Framework Plan
- ④ Next Steps



Your Design Team



Neal Kessler, ASLA
Lead Campus Planner
& Landscape Architect

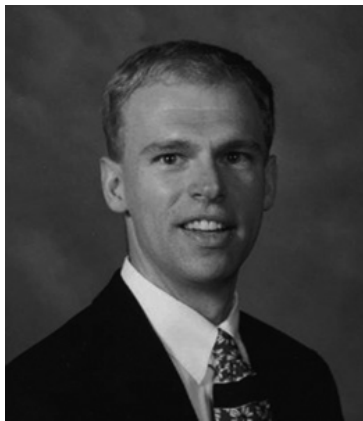


Dave Roberts, ASLA
Landscape Architecture



Dan Paulien
Space
Utilization/Needs

PAULIEN & ASSOCIATES, INC.
PLANNING CONSULTANTS



Jon Hoffman, AICP,
LEED AP
Campus Planner,
Project Manager



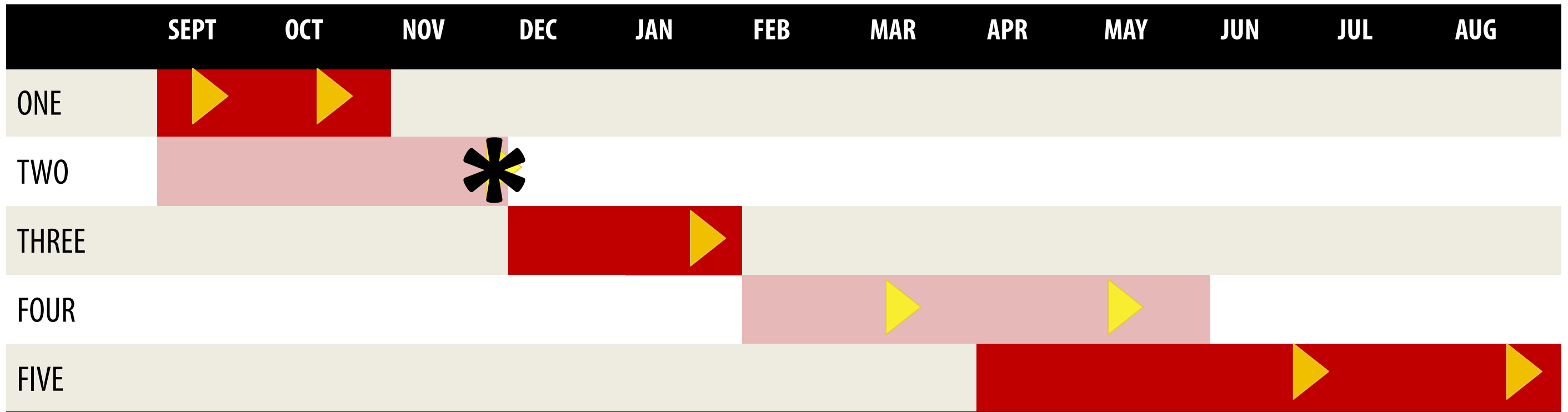
Dan Brown



Yvonne Thibodeau
Space
Utilization/Needs

PAULIEN & ASSOCIATES, INC.
PLANNING CONSULTANTS

Master Planning Process



| | | |
|-------------------|---|---------------------------------------|
| Task One | Discovery and Goal Setting | <i>Introduction to Campus</i> |
| Task Two | Campus Analysis & Space Needs/Utilization | <i>Understanding Campus</i> |
| Task Three | Idea Generation | <i>Concept Alternatives</i> |
| Task Four | Refinement | <i>Preliminary Campus Master Plan</i> |
| Task Five | Documentation | <i>Draft + Final Presentation</i> |

 stAte Interface



Space Needs Analysis

- Data Request
 - Staffing
 - Courses
 - Facilities Inventory
- Campus Visits
 - Meetings with Deans and Vice Chancellors
- Classroom and Teaching Laboratory Utilization
- Application of Space Guidelines
- Report of Findings



- Overall Need for Additional 325,000 ASF at Future Year
 - Need for 98,000 ASF Academic Space
 - Need for 104,000 ASF Academic Support Space
 - Need for 122,000 ASF Auxiliary Space
- Classroom Utilization
 - 24 average scheduled hours per week
 - 68% student station occupancy
- Teaching Laboratory Utilization
 - 12 average scheduled hours per week
 - 74% student station occupancy



CLASSROOM UTILIZATION SUMMARY

Average Utilization

24 Hours Per Week

Average Student Station Occupancy – 68%

Average Space Per Student Station – 21 ASF

Average Section Size – 25 students

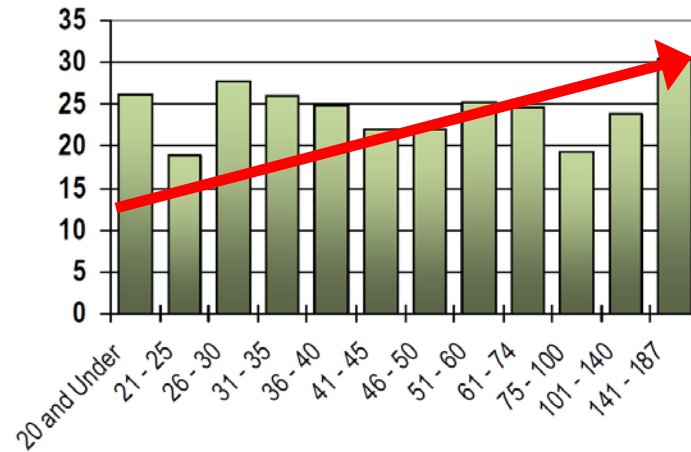
Number of Rooms Analyzed – 161



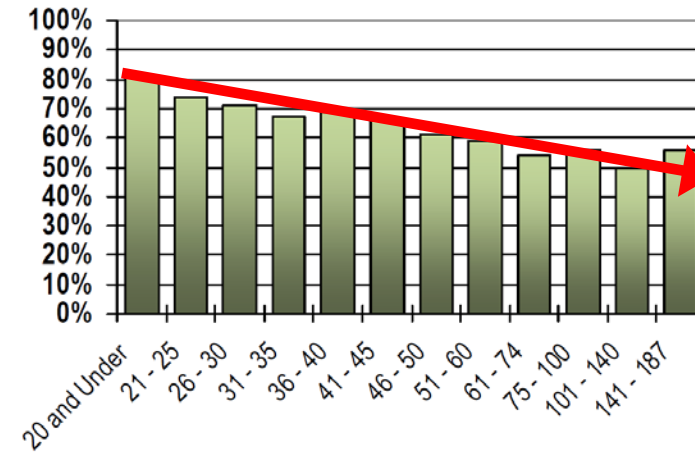
* Note: Of the 182 classrooms on campus, 21 were not scheduled for use in the Fall 2011 term and were not included in this analysis. Nineteen of the rooms are in the International English Studies and International Student Center buildings. If the 21 unscheduled classrooms were included, the average would be 21 weekly room hours.

Classroom Utilization by Capacity

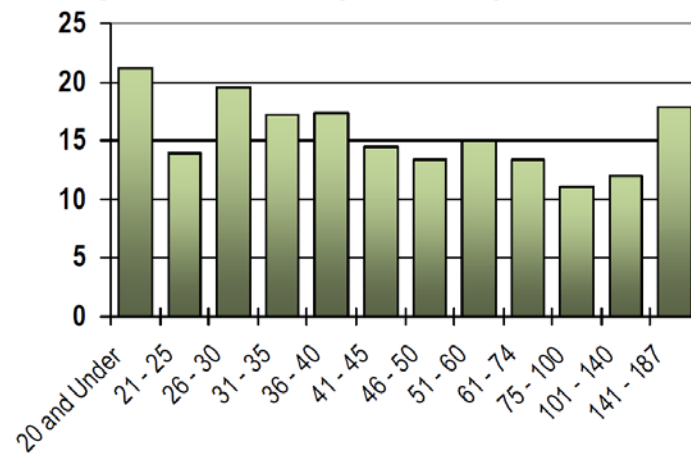
Weekly Room Hours by Capacity:



Student Station Occupancy by Capacity:



Weekly Seat Hours by Capacity:



Classroom Utilization Analysis by Capacity Summary

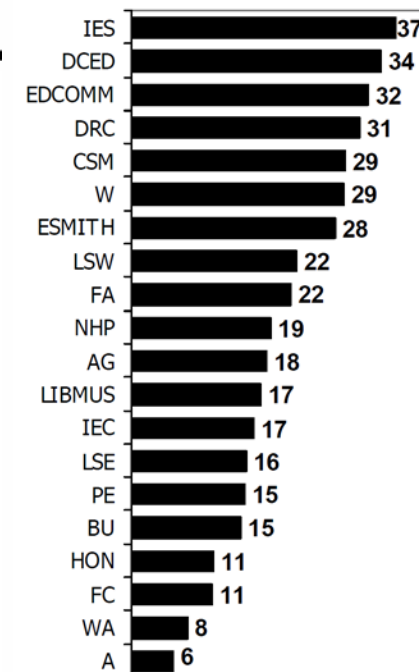
| Classroom Capacity Grouping | No. of Rooms | No. of Seats | Average Room Size | Average ASF per Station | Average Section Size | Weekly Seat Hours | Average Weekly Room Hours | Hours in Use Student Station Occupancy % |
|---------------------------------|----------------|--------------|-------------------|-------------------------|----------------------|-------------------|---------------------------|--|
| 20 and Under | 25 | 422 | 448 | 27 | 13 | 21.2 | 26 | 81% |
| 21 - 25 | 13 | 304 | 634 | 27 | 15 | 13.9 | 19 | 74% |
| 26 - 30 | 18 | 511 | 618 | 22 | 19 | 19.6 | 28 | 71% |
| 31 - 35 | 14 | 450 | 581 | 18 | 20 | 17.3 | 26 | 67% |
| 36 - 40 | 15 | 573 | 691 | 18 | 26 | 17.4 | 25 | 69% |
| 41 - 45 | 16 | 686 | 746 | 17 | 29 | 14.5 | 22 | 66% |
| 46 - 50 | 32 | 1,533 | 995 | 21 | 27 | 13.4 | 22 | 61% |
| 51 - 60 | 11 | 614 | 976 | 17 | 32 | 15.0 | 25 | 59% |
| 61 - 74 | 7 | 441 | 910 | 14 | 30 | 13.4 | 25 | 54% |
| 75 - 100 | 6 | 522 | 1,531 | 18 | 50 | 11.1 | 19 | 56% |
| 101 - 140 | 1 | 106 | 2,271 | 21 | 55 | 12.0 | 24 | 50% |
| 141 - 187 | 3 | 501 | 1,965 | 12 | 91 | 17.9 | 31 | 56% |
| <i>Total No. of Rooms = 161</i> | AVERAGE | | 791 | 21 | 25 | 15.4 | 24 | 68% |

Classroom Utilization by Building

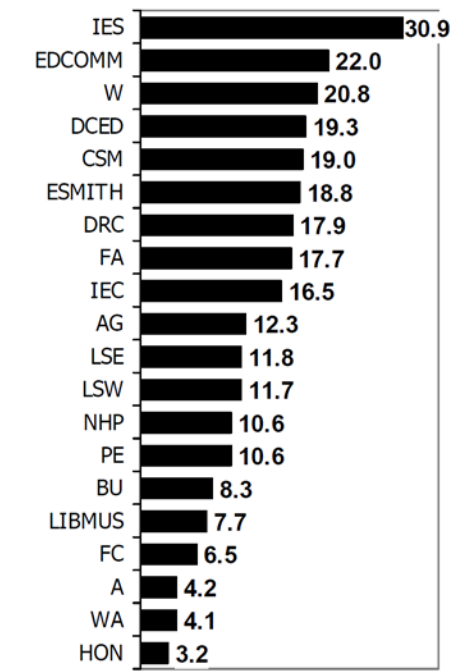
Classroom Utilization Analysis by Building Summary

| Building Name and Id | No. of Rooms | Average Room Size | Average ASF per Station | Average Section Size | Weekly Seat Hours | Average Weekly Room Hours | Hours in Use Student Station Occupancy % | |
|------------------------------------|----------------|-------------------|-------------------------|----------------------|-------------------|---------------------------|--|-----|
| Agriculture | AG | 7 | 982 | 23 | 29 | 12.3 | 18 | 53% |
| Business | BU | 15 | 761 | 18 | 24 | 8.3 | 15 | 59% |
| Computer Science & Math | CSM | 11 | 779 | 18 | 29 | 19.0 | 29 | 67% |
| Dean B. Ellis Library | LIBMUS | 5 | 916 | 21 | 16 | 7.7 | 17 | 43% |
| Delta Ctr For Econ Dev (On-Campus) | DCED | 4 | 1,630 | 26 | 36 | 19.3 | 34 | 57% |
| Education & Communications | EDCOMM | 16 | 672 | 21 | 22 | 22.0 | 32 | 69% |
| Eugene W. Smith Hall | ESMITH | 9 | 855 | 24 | 22 | 18.8 | 28 | 70% |
| Fine Arts | FA | 6 | 742 | 22 | 24 | 17.7 | 22 | 66% |
| Fowler Center For Performing Arts | FC | 2 | 1,003 | 41 | 21 | 6.5 | 11 | 51% |
| Health, Phys Ed & Sports Science | PE | 10 | 806 | 19 | 29 | 10.6 | 15 | 69% |
| Honors Living-Learning Classroom | HON | 1 | 2,544 | 53 | 13 | 3.2 | 11 | 29% |
| International English Studies | IES | 13 | 398 | 23 | 14 | 30.9 | 37 | 83% |
| International Student Center | IEC | 2 | 826 | 22 | 31 | 16.5 | 17 | 91% |
| Lab Sciences East | LSE | 9 | 884 | 16 | 34 | 11.8 | 16 | 47% |
| Lab Sciences West | LSW | 4 | 995 | 18 | 37 | 11.7 | 22 | 51% |
| Military Science Rotc (Armory) | A | 3 | 725 | 26 | 20 | 4.2 | 6 | 72% |
| Nursing & Health Professions | NHP | 10 | 903 | 19 | 26 | 10.6 | 19 | 58% |
| Reynolds Ctr For Health Sciences | DRC | 4 | 1,473 | 24 | 37 | 17.9 | 31 | 64% |
| Wilson Advising Center | WA | 1 | 638 | 27 | 13 | 4.1 | 8 | 55% |
| Wilson Hall | W | 29 | 599 | 18 | 25 | 20.8 | 29 | 74% |
| Total No. of Rooms = 161 | AVERAGE | 791 | 21 | 25 | 15.4 | 24 | 68% | |

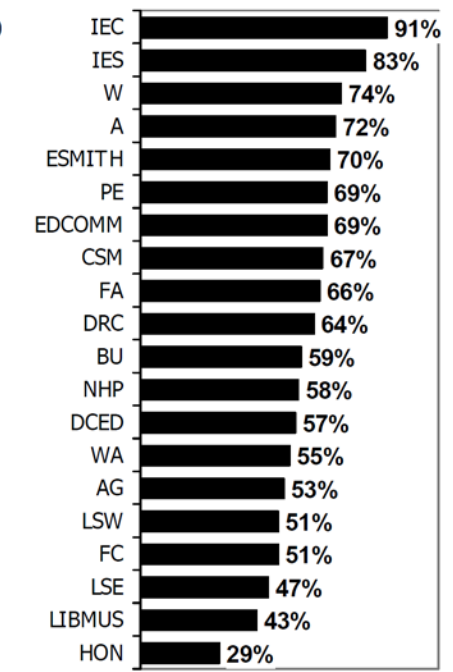
Weekly Room Hours:



Weekly Seat Hours:



Student Station Occupancy:

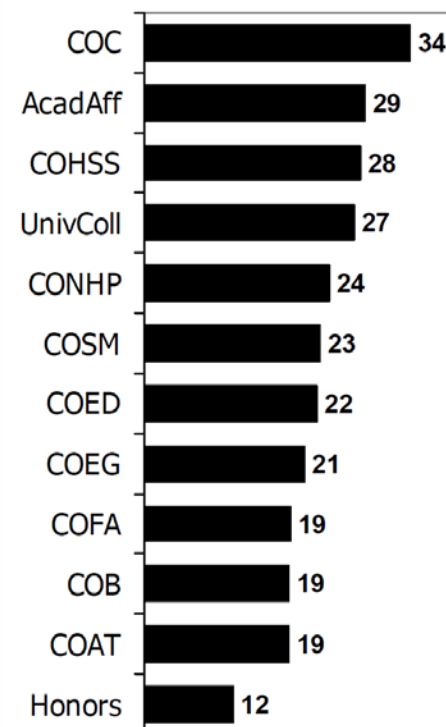


Classroom Utilization by College

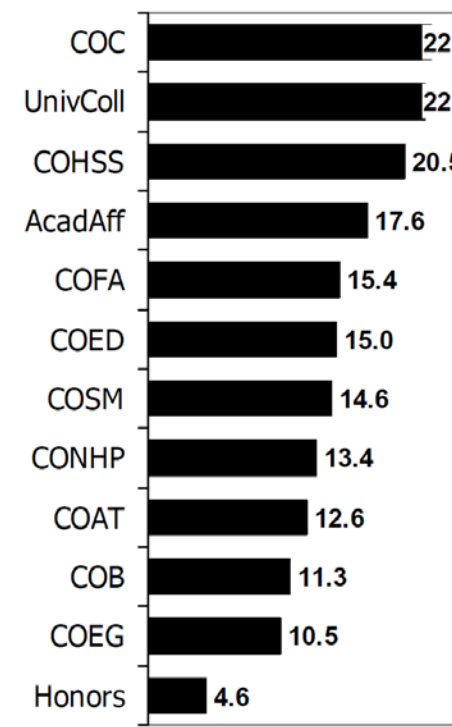
Classroom Utilization Analysis by College / Unit Summary

| College / Unit | No. of Rooms | Average Room Size | Average ASF per Station | Average Section Size | Weekly Seat Hours | Average Weekly Room Hours | Hours in Use Student Station Occupancy % |
|---|----------------|-------------------|-------------------------|----------------------|-------------------|---------------------------|--|
| Academic Affairs & Research/Provost | 20 | 571 | 23 | 16 | 17.6 | 29 | 77% |
| College of Agriculture & Technology | 5 | 1,079 | 22 | 34 | 12.6 | 19 | 52% |
| College of Business | 19 | 944 | 20 | 27 | 11.3 | 19 | 58% |
| College of Communications | 5 | 583 | 17 | 23 | 22.6 | 34 | 69% |
| College of Education | 23 | 735 | 22 | 24 | 15.0 | 22 | 69% |
| College of Engineering | 4 | 717 | 25 | 15 | 10.5 | 21 | 49% |
| College of Fine Arts | 8 | 807 | 26 | 23 | 15.4 | 19 | 64% |
| College of Humanities & Social Sciences | 31 | 614 | 18 | 26 | 20.5 | 28 | 75% |
| College of Nursing & Health Professions | 16 | 1,143 | 21 | 29 | 13.4 | 24 | 58% |
| College of Sciences & Mathematics | 22 | 869 | 17 | 34 | 14.6 | 23 | 61% |
| Honors College | 2 | 1,521 | 35 | 15 | 4.6 | 12 | 44% |
| University College | 6 | 659 | 23 | 22 | 22.1 | 27 | 80% |
| <i>Total No. of Rooms = 161</i> | AVERAGE | 791 | 21 | 25 | 15.4 | 24 | 68% |

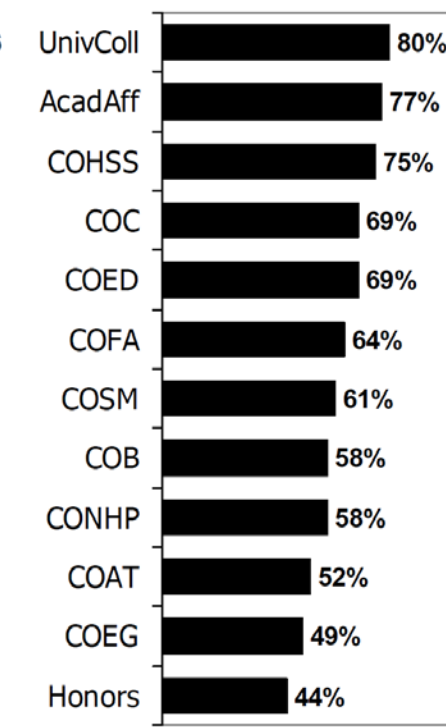
Weekly Room Hours:



Weekly Seat Hours:

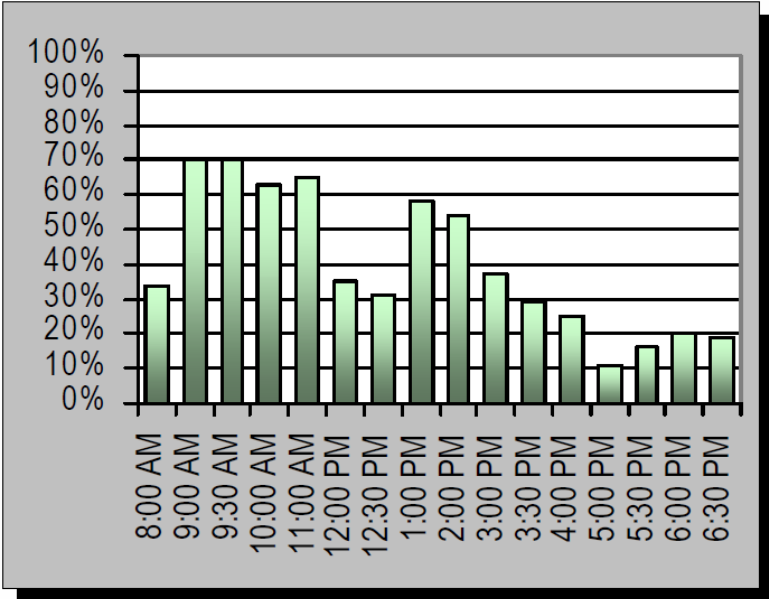


Student Station Occupancy:

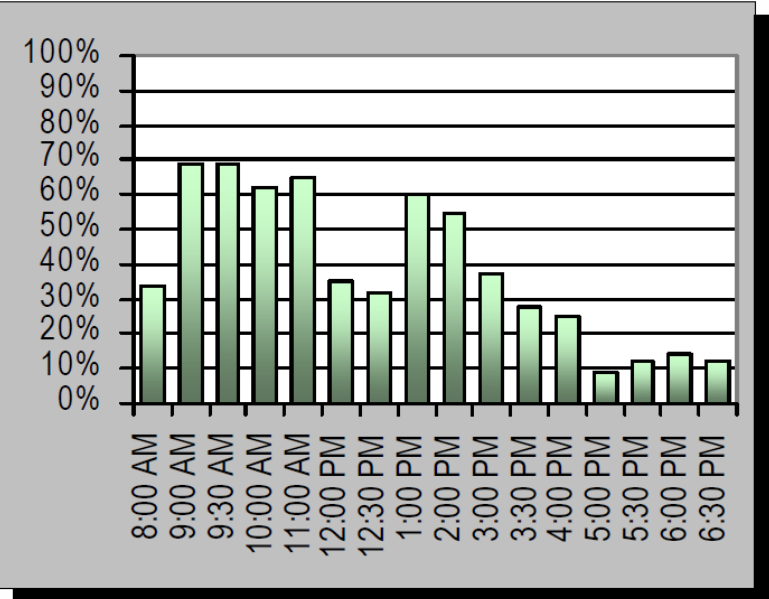


Classroom Use by Day and Hour

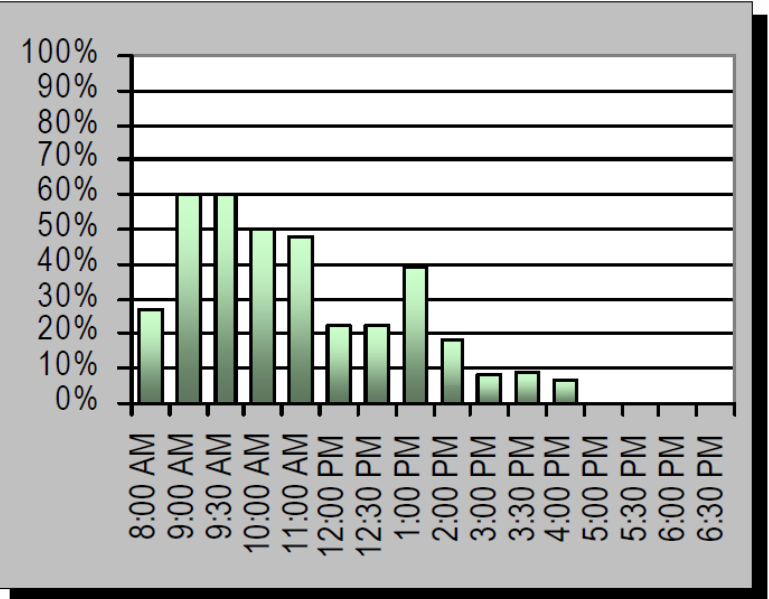
Percent of Classrooms In Use
Monday



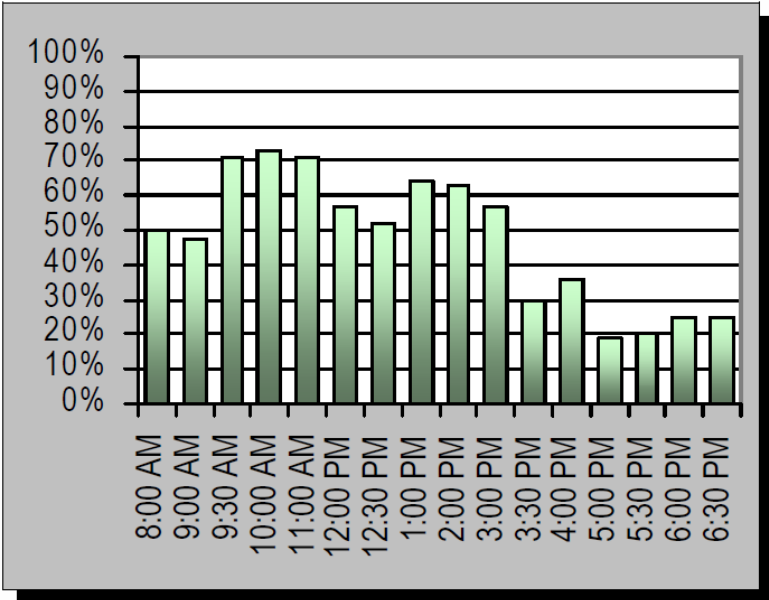
Wednesday



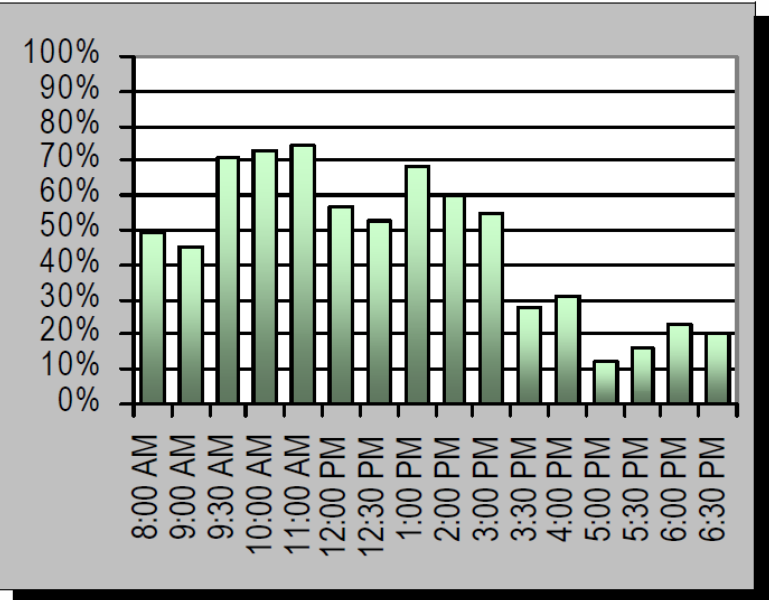
Friday



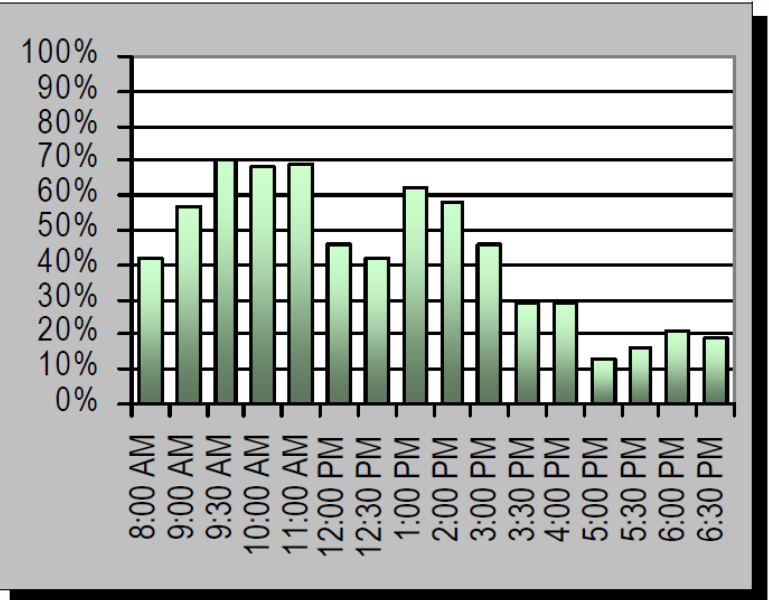
Tuesday



Thursday



Average (Mon-Thurs)



Classroom Use by Day and Hour

Scheduled Classroom Use by Day and Time

(Darker colors indicate a large percentage of rooms are scheduled.)

| Time of Day | Monday | | Tuesday | | Wednesday | | Thursday | | Friday | | Saturday | | Sunday | | Average* | |
|-------------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|
| | Rooms in Use | % In Use | Rooms in Use | % In Use | Rooms in Use | % In Use | Rooms in Use | % In Use | Rooms in Use | % In Use | Rooms in Use | % In Use | Rooms in Use | % In Use | Rooms in Use | % In Use |
| 8:00 AM | 55 | 34% | 80 | 50% | 54 | 34% | 79 | 49% | 43 | 27% | 0 | 0% | 0 | 0% | 67 | 42% |
| 9:00 AM | 112 | 70% | 75 | 47% | 111 | 69% | 72 | 45% | 97 | 60% | 0 | 0% | 0 | 0% | 93 | 57% |
| 9:30 AM | 112 | 70% | 115 | 71% | 111 | 69% | 114 | 71% | 97 | 60% | 0 | 0% | 0 | 0% | 113 | 70% |
| 10:00 AM | 101 | 63% | 117 | 73% | 100 | 62% | 117 | 73% | 81 | 50% | 0 | 0% | 0 | 0% | 109 | 68% |
| 11:00 AM | 105 | 65% | 115 | 71% | 104 | 65% | 119 | 74% | 77 | 48% | 0 | 0% | 0 | 0% | 111 | 69% |
| 12:00 PM | 57 | 35% | 92 | 57% | 56 | 35% | 91 | 57% | 35 | 22% | 0 | 0% | 0 | 0% | 74 | 46% |
| 12:30 PM | 50 | 31% | 83 | 52% | 51 | 32% | 86 | 53% | 35 | 22% | 0 | 0% | 0 | 0% | 68 | 42% |
| 1:00 PM | 94 | 58% | 103 | 64% | 96 | 60% | 109 | 68% | 62 | 39% | 0 | 0% | 0 | 0% | 101 | 62% |
| 2:00 PM | 87 | 54% | 101 | 63% | 88 | 55% | 97 | 60% | 29 | 18% | 0 | 0% | 0 | 0% | 93 | 58% |
| 3:00 PM | 60 | 37% | 91 | 57% | 59 | 37% | 88 | 55% | 13 | 8% | 0 | 0% | 0 | 0% | 75 | 46% |
| 3:30 PM | 46 | 29% | 48 | 30% | 45 | 28% | 45 | 28% | 14 | 9% | 0 | 0% | 0 | 0% | 46 | 29% |
| 4:00 PM | 41 | 25% | 58 | 36% | 40 | 25% | 50 | 31% | 12 | 7% | 0 | 0% | 0 | 0% | 47 | 29% |
| 5:00 PM | 17 | 11% | 30 | 19% | 15 | 9% | 20 | 12% | 0 | 0% | 0 | 0% | 0 | 0% | 21 | 13% |
| 5:30 PM | 25 | 16% | 32 | 20% | 20 | 12% | 25 | 16% | 0 | 0% | 0 | 0% | 0 | 0% | 26 | 16% |
| 6:00 PM | 33 | 20% | 40 | 25% | 23 | 14% | 37 | 23% | 0 | 0% | 0 | 0% | 0 | 0% | 33 | 21% |
| 6:30 PM | 30 | 19% | 40 | 25% | 20 | 12% | 33 | 20% | 0 | 0% | 0 | 0% | 0 | 0% | 31 | 19% |

Total classrooms = 161

* Based upon the consultant's experience, Friday is typically underutilized, therefore the average is calculated on Monday thru Thursday use.

TEACHING LABORATORY UTILIZATION SUMMARY

Average Utilization

12 Hours Per Week

Average Student Station Occupancy – 74%

Average Space Per Student Station – 54 ASF

Average Section Size – 17 students

Number of Rooms - 68

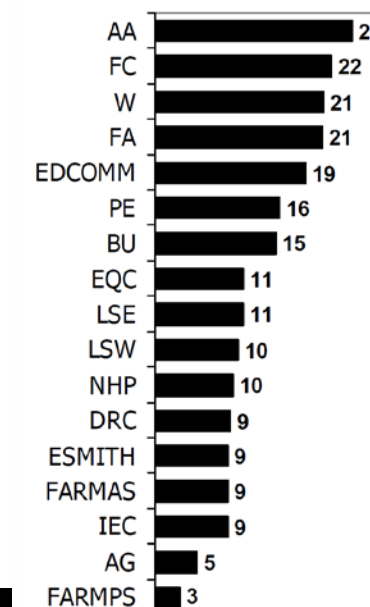


Teaching Laboratory Utilization by Building

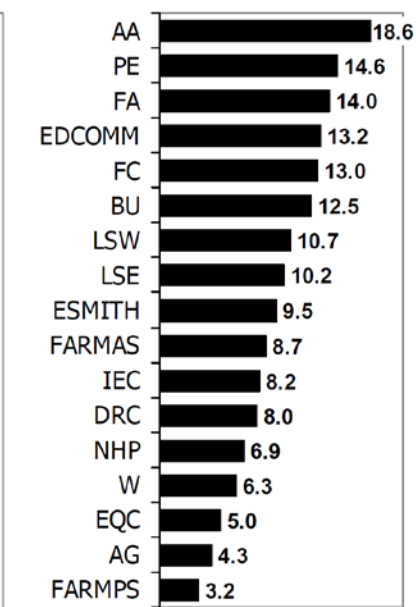
Teaching Laboratory Utilization Analysis by Building Summary

| Building Name and Id | No. of Rooms | Average Room Size | Average ASF per Station | Average Section Size | Weekly Seat Hours | Average Weekly Room Hours | Hours in Use Student Station Occupancy % |
|--|----------------|-------------------|-------------------------|----------------------|-------------------|---------------------------|--|
| Agriculture <i>AG</i> | 6 | 1,032 | 60 | 10 | 4.3 | 5 | 67% |
| Business <i>BU</i> | 2 | 866 | 31 | 21 | 12.5 | 15 | 77% |
| Education & Communications <i>EDCOMM</i> | 4 | 898 | 55 | 11 | 13.2 | 19 | 68% |
| Equine Center Stall Barn <i>EQC</i> | 1 | 552 | 29 | 9 | 5.0 | 11 | 45% |
| Eugene W. Smith Hall <i>ESMITH</i> | 1 | 871 | 36 | 25 | 9.5 | 9 | 106% |
| Farm Animal Science Classroom Bldg <i>FARMAS</i> | 1 | 714 | 40 | 18 | 8.7 | 9 | 97% |
| Farm Plant Science <i>FARMPS</i> | 2 | 556 | 30 | 11 | 3.2 | 3 | 75% |
| Fine Arts <i>FA</i> | 5 | 1,650 | 52 | 24 | 14.0 | 21 | 71% |
| Fine Arts Annex <i>AA</i> | 5 | 1,176 | 63 | 15 | 18.6 | 24 | 76% |
| Fowler Center For Performing Arts <i>FC</i> | 1 | 2,433 | 122 | 12 | 13.0 | 22 | 59% |
| Health, Phys Ed & Sports Science <i>PE</i> | 2 | 1,897 | 67 | 21 | 14.6 | 16 | 78% |
| International Student Center <i>IEC</i> | 1 | 552 | 26 | 18 | 8.2 | 9 | 91% |
| Lab Sciences East <i>LSE</i> | 8 | 2,200 | 61 | 18 | 10.2 | 11 | 67% |
| Lab Sciences West <i>LSW</i> | 16 | 1,156 | 54 | 21 | 10.7 | 10 | 85% |
| Nursing & Health Professions <i>NHP</i> | 8 | 949 | 40 | 16 | 6.9 | 10 | 68% |
| Reynolds Ctr For Health Sciences <i>DRC</i> | 4 | 1,257 | 75 | 12 | 8.0 | 9 | 87% |
| Wilson Hall <i>W</i> | 1 | 1,026 | 22 | 15 | 6.3 | 21 | 30% |
| <i>Total No. of Rooms = 68</i> | AVERAGE | 1,256 | 54 | 17 | 10.4 | 12 | 74% |

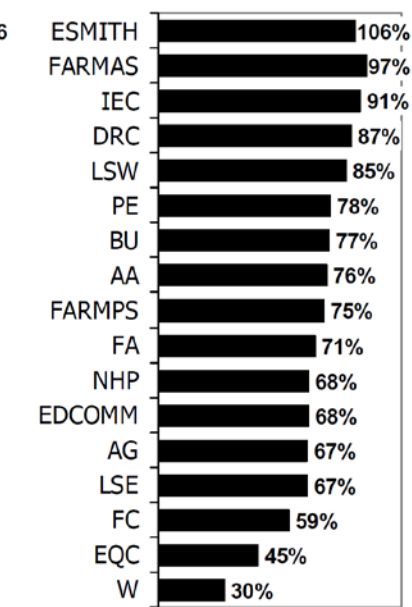
Weekly Room Hours:



Weekly Seat Hours:



Student Station Occupancy:

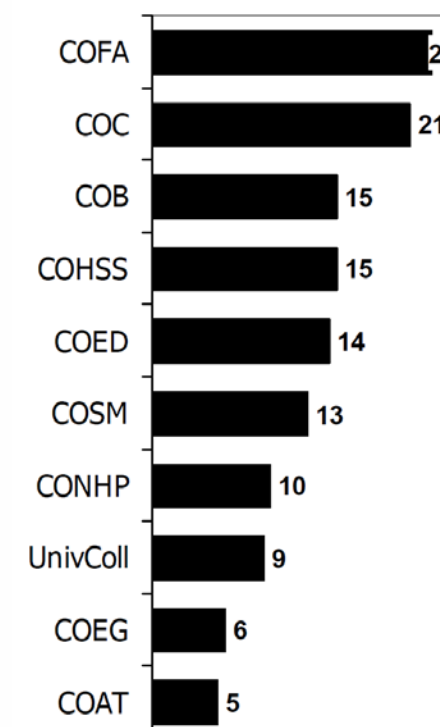


Teaching Laboratory Utilization by College

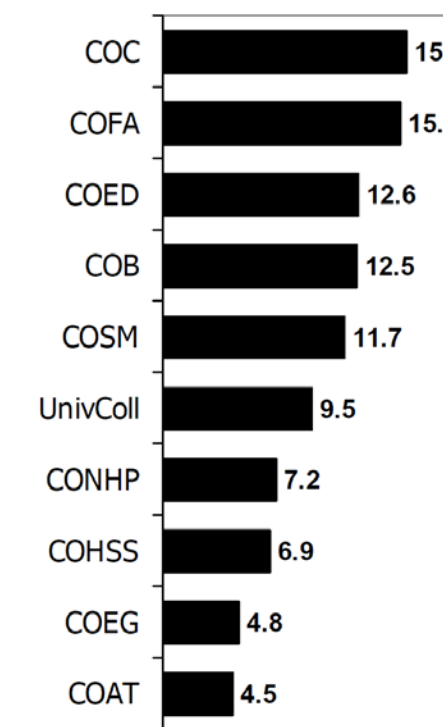
Teaching Laboratory Utilization Analysis by College / Unit Summary

| College / Unit | No. of Rooms | No. of Seats | Average Room Size | Average ASF per Station | Average Section Size | Weekly Seat Hours | Average Weekly Room Hours | Hours in Use Student Station Occupancy % |
|---|----------------|--------------|-------------------|-------------------------|----------------------|-------------------|---------------------------|--|
| College of Agriculture & Technology | 7 | 126 | 747 | 47 | 9 | 4.5 | 5 | 69% |
| College of Business | 2 | 56 | 866 | 31 | 21 | 12.5 | 15 | 77% |
| College of Communications | 3 | 51 | 997 | 61 | 13 | 15.6 | 21 | 72% |
| College of Education | 3 | 70 | 1,465 | 57 | 17 | 12.6 | 14 | 69% |
| College of Engineering | 10 | 175 | 1,022 | 65 | 10 | 4.8 | 6 | 69% |
| College of Fine Arts | 11 | 336 | 1,506 | 63 | 19 | 15.3 | 23 | 72% |
| College of Humanities & Social Sciences | 2 | 68 | 789 | 24 | 17 | 6.9 | 15 | 48% |
| College of Nursing & Health Professions | 12 | 264 | 1,052 | 51 | 14 | 7.2 | 10 | 75% |
| College of Sciences & Mathematics | 17 | 534 | 1,719 | 51 | 25 | 11.7 | 13 | 80% |
| University College | 1 | 24 | 871 | 36 | 25 | 9.5 | 9 | 106% |
| <i>Total No. of Rooms = 68</i> | AVERAGE | | 1,256 | 54 | 17 | 10.4 | 12 | 74% |

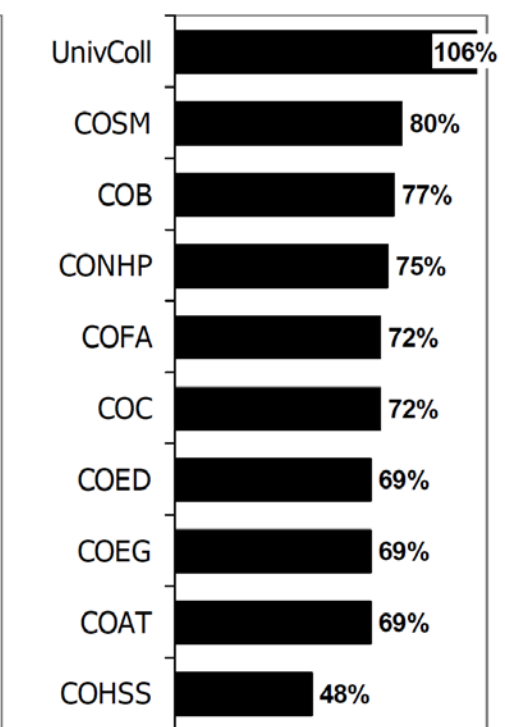
Weekly Room Hours:



Weekly Seat Hours:



Student Station Occupancy:

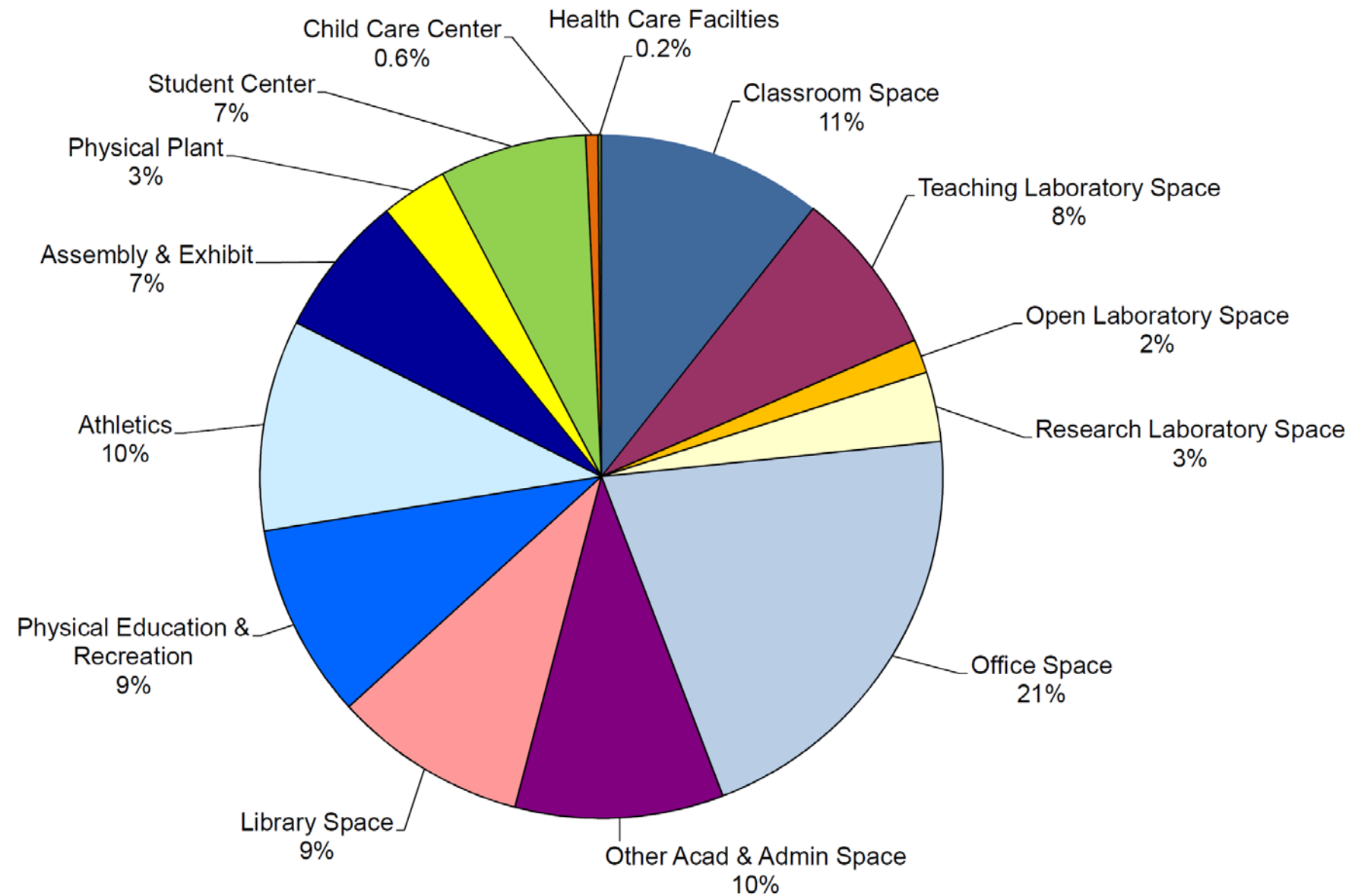


Space Needs Analysis

Facility Inventory

| Space Category | Total Existing ASF | Percent of Total ASF |
|---------------------------------|--------------------|----------------------|
| Classroom Space | 143,585 | 11% |
| Teaching Laboratory Space | 105,461 | 8% |
| Open Laboratory Space | 21,440 | 2% |
| Research Laboratory Space | 44,236 | 3% |
| Office Space | 281,127 | 21% |
| Other Acad & Admin Space | 133,020 | 10% |
| Library Space | 123,488 | 9% |
| Physical Education & Recreation | 124,019 | 9% |
| Athletics | 134,508 | 10% |
| Assembly & Exhibit | 90,754 | 7% |
| Physical Plant | 42,302 | 3% |
| Student Center | 93,813 | 7% |
| Child Care Center | 7,866 | 0.6% |
| Health Care Facilities | 2,036 | 0.2% |
| TOTAL | 1,347,655 | 100% |

ASF = Assignable Square Feet



Space Needs Analysis by Space Type

Arkansas State University • Jonesboro

| SPACE CATEGORY | Base Year | | | | Target Year | | | |
|--|---|------------------|--------------------|----------------------------|---|------------------|--------------------|----------------------------|
| | Student Headcount = 10,129 Staff Headcount = 2,090 | | | | Student Headcount = 11,406 Staff Headcount = 2,260 | | | |
| | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) |
| Academic Space | | | | | | | | |
| Classroom & Service | 143,585 | 118,527 | 25,058 | 17% | 161,749 | 137,800 | 23,949 | 15% |
| Teaching Laboratories & Service | 105,461 | 87,954 | 17,507 | 17% | 108,401 | 96,731 | 11,670 | 11% |
| Open Laboratories & Service | 21,440 | 23,321 | (1,881) | (9%) | 23,420 | 26,587 | (3,167) | (14%) |
| Research Laboratories & Service | 44,236 | 66,016 | (21,780) | (49%) | 44,488 | 132,032 | (87,544) | (197%) |
| Academic Offices & Service | 144,981 | 165,580 | (20,599) | (14%) | 150,229 | 182,560 | (32,331) | (22%) |
| Other Academic Department Space | 66,089 | 69,960 | (3,871) | (6%) | 68,689 | 79,761 | (11,072) | (16%) |
| <i>Academic Space Subtotal</i> | <i>525,792</i> | <i>531,358</i> | <i>(5,566)</i> | <i>(1%)</i> | <i>556,976</i> | <i>655,471</i> | <i>(98,495)</i> | <i>(18%)</i> |
| Academic Support Space | | | | | | | | |
| Administrative Offices & Service | 136,146 | 129,275 | 6,871 | 5% | 136,146 | 135,875 | 271 | 0% |
| Library | 123,488 | 144,568 | (21,080) | (17%) | 123,488 | 150,756 | (27,268) | (22%) |
| Physical Education & Recreation | 124,019 | 126,553 | (2,534) | (2%) | 124,019 | 139,391 | (15,372) | (12%) |
| Athletics | 134,508 | 175,000 | (40,492) | (30%) | 134,508 | 175,000 | (40,492) | (30%) |
| Assembly & Exhibit | 90,754 | 93,169 | (2,415) | (3%) | 90,754 | 99,703 | (8,949) | (10%) |
| Physical Plant | 42,302 | 42,698 | (396) | (1%) | 42,302 | 46,593 | (4,291) | (10%) |
| Other Administrative Department Space | 66,931 | 66,071 | 860 | 1% | 66,931 | 75,326 | (8,395) | (13%) |
| <i>Academic Support Space Subtotal</i> | <i>718,148</i> | <i>777,334</i> | <i>(59,186)</i> | <i>(8%)</i> | <i>718,148</i> | <i>822,644</i> | <i>(104,496)</i> | <i>(15%)</i> |
| Auxiliary Space | | | | | | | | |
| Student Center | 93,813 | 91,162 | 2,651 | 3% | 93,813 | 102,654 | (8,841) | (9%) |
| Child Care Center | 7,866 | 16,000 | (8,134) | (103%) | 7,866 | 16,000 | (8,134) | (103%) |
| Residence Life | 663,100 | 683,775 | (20,675) | (3%) | 663,100 | 767,475 | (104,375) | (16%) |
| Health Care Facilities | 2,036 | 2,565 | (529) | (26%) | 2,036 | 2,925 | (889) | (44%) |
| <i>Auxiliary Space Subtotal</i> | <i>766,815</i> | <i>793,502</i> | <i>(26,687)</i> | <i>(3%)</i> | <i>766,815</i> | <i>889,054</i> | <i>(122,239)</i> | <i>(16%)</i> |
| CAMPUS TOTAL | 2,010,755 | 2,102,194 | (91,439) | (5%) | 2,041,939 | 2,367,169 | (325,230) | (16%) |
| <i>Inactive/Conversion Space</i> | <i>22,360</i> | | | | <i>22,360</i> | | | |
| <i>Affiliated Organizations</i> | <i>95,545</i> | | | | <i>95,545</i> | | | |



Space Needs Analysis by Space Type

Academic Space



| SPACE CATEGORY | Base Year | | | | Target Year | | | |
|---------------------------------|---|----------------|--------------------|----------------------------|---|----------------|--------------------|----------------------------|
| | <i>Student Headcount = 10,129 Staff Headcount = 2,090</i> | | | | <i>Student Headcount = 11,406 Staff Headcount = 2,260</i> | | | |
| | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) |
| Academic Space | | | | | | | | |
| Classroom & Service | 143,585 | 118,527 | 25,058 | 17% | 161,749 | 137,800 | 23,949 | 15% |
| Teaching Laboratories & Service | 105,461 | 87,954 | 17,507 | 17% | 108,401 | 96,731 | 11,670 | 11% |
| Open Laboratories & Service | 21,440 | 23,321 | (1,881) | (9%) | 23,420 | 26,587 | (3,167) | (14%) |
| Research Laboratories & Service | 44,236 | 66,016 | (21,780) | (49%) | 44,488 | 132,032 | (87,544) | (197%) |
| Academic Offices & Service | 144,981 | 165,580 | (20,599) | (14%) | 150,229 | 182,560 | (32,331) | (22%) |
| Other Academic Department Space | 66,089 | 69,960 | (3,871) | (6%) | 68,689 | 79,761 | (11,072) | (16%) |
| <i>Academic Space Subtotal</i> | <i>525,792</i> | <i>531,358</i> | <i>(5,566)</i> | <i>(1%)</i> | <i>556,976</i> | <i>655,471</i> | <i>(98,495)</i> | <i>(18%)</i> |

Space Needs Analysis by Space Type

Academic Support Space



| SPACE CATEGORY | Base Year | | | | Target Year | | | |
|--|---|----------------|--------------------|----------------------------|---|----------------|--------------------|----------------------------|
| | <i>Student Headcount = 10,129 Staff Headcount = 2,090</i> | | | | <i>Student Headcount = 11,406 Staff Headcount = 2,260</i> | | | |
| | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) |
| Academic Support Space | | | | | | | | |
| Administrative Offices & Service | 136,146 | 129,275 | 6,871 | 5% | 136,146 | 135,875 | 271 | 0% |
| Library | 123,488 | 144,568 | (21,080) | (17%) | 123,488 | 150,756 | (27,268) | (22%) |
| Physical Education & Recreation | 124,019 | 126,553 | (2,534) | (2%) | 124,019 | 139,391 | (15,372) | (12%) |
| Athletics | 134,508 | 175,000 | (40,492) | (30%) | 134,508 | 175,000 | (40,492) | (30%) |
| Assembly & Exhibit | 90,754 | 93,169 | (2,415) | (3%) | 90,754 | 99,703 | (8,949) | (10%) |
| Physical Plant | 42,302 | 42,698 | (396) | (1%) | 42,302 | 46,593 | (4,291) | (10%) |
| Other Administrative Department Space | 66,931 | 66,071 | 860 | 1% | 66,931 | 75,326 | (8,395) | (13%) |
| <i>Academic Support Space Subtotal</i> | <i>718,148</i> | <i>777,334</i> | <i>(59,186)</i> | <i>(8%)</i> | <i>718,148</i> | <i>822,644</i> | <i>(104,496)</i> | <i>(15%)</i> |

Space Needs Analysis by Space Type

Auxiliary Space



| SPACE CATEGORY | Base Year <i>Student Headcount = 10,129 Staff Headcount = 2,090</i> | | | | Target Year <i>Student Headcount = 11,406 Staff Headcount = 2,260</i> | | | |
|---------------------------------|--|----------------|--------------------|----------------------------|--|----------------|--------------------|----------------------------|
| | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) |
| Auxiliary Space | | | | | | | | |
| Student Center | 93,813 | 91,162 | 2,651 | 3% | 93,813 | 102,654 | (8,841) | (9%) |
| Child Care Center | 7,866 | 16,000 | (8,134) | (103%) | 7,866 | 16,000 | (8,134) | (103%) |
| Residence Life | 663,100 | 683,775 | (20,675) | (3%) | 663,100 | 767,475 | (104,375) | (16%) |
| Health Care Facilities | 2,036 | 2,565 | (529) | (26%) | 2,036 | 2,925 | (889) | (44%) |
| <i>Auxiliary Space Subtotal</i> | <i>766,815</i> | <i>793,502</i> | <i>(26,687)</i> | <i>(3%)</i> | <i>766,815</i> | <i>889,054</i> | <i>(122,239)</i> | <i>(16%)</i> |

Space Needs Analysis by Space Type

Campuswide Findings



| SPACE CATEGORY | Base Year <i>Student Headcount = 10,129</i> <i>Staff Headcount = 2,090</i> | | | | Target Year <i>Student Headcount = 11,406</i> <i>Staff Headcount = 2,260</i> | | | |
|----------------------------------|--|------------------|--------------------|----------------------------|--|------------------|--------------------|----------------------------|
| | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) |
| CAMPUS TOTAL | 2,010,755 | 2,102,194 | (91,439) | (5%) | 2,041,939 | 2,367,169 | (325,230) | (16%) |
| <i>Inactive/Conversion Space</i> | 22,360 | | | | 22,360 | | | |
| <i>Affiliated Organizations</i> | 95,545 | | | | 95,545 | | | |

ASF = Assignable Square Feet

Space Needs Analysis by College

ARKANSAS STATE UNIVERSITY • JONESBORO

Space Needs Analysis by College/School or Major Unit

| COLLEGE/UNIT | Base Year | | | | Target Year | | | |
|---|---|------------------|--------------------|----------------------------|---|------------------|--------------------|----------------------------|
| | Student Headcount = 10,129 Staff Headcount = 2,090 | | | | Student Headcount = 11,406 Staff Headcount = 2,260 | | | |
| | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) |
| Academic | | | | | | | | |
| College of Agriculture & Technology | 32,561 | 32,943 | (382) | (1%) | 32,561 | 44,699 | (12,138) | (37%) |
| College of Business | 18,697 | 19,536 | (839) | (4%) | 18,697 | 21,368 | (2,671) | (14%) |
| College of Communications | 33,303 | 38,514 | (5,211) | (16%) | 33,303 | 42,103 | (8,800) | (26%) |
| College of Education | 116,993 | 149,562 | (32,569) | (28%) | 116,993 | 162,624 | (45,631) | (39%) |
| College of Engineering | 22,672 | 17,857 | 4,815 | 21% | 22,672 | 25,796 | (3,124) | (14%) |
| College of Fine Arts | 84,683 | 88,995 | (4,312) | (5%) | 84,683 | 96,235 | (11,552) | (14%) |
| College of Humanities & Social Science | 25,017 | 28,392 | (3,375) | (13%) | 38,037 | 37,306 | 731 | 2% |
| College of Nursing & Health Professions | 53,056 | 55,021 | (1,965) | (4%) | 53,056 | 62,371 | (9,315) | (18%) |
| College of Sciences & Mathematics | 100,114 | 105,406 | (5,292) | (5%) | 100,114 | 157,747 | (57,633) | (58%) |
| Graduate School | 3,064 | 1,275 | 1,789 | 58% | 3,064 | 1,700 | 1,364 | 45% |
| Honors College | 2,317 | 1,416 | 901 | 39% | 2,317 | 1,719 | 598 | 26% |
| University College | 12,609 | 13,965 | (1,356) | (11%) | 12,609 | 14,704 | (2,095) | (17%) |
| Classroom & Service | 143,585 | 118,527 | 25,058 | 17% | 161,749 | 137,800 | 23,949 | 15% |
| <i>Academic Subtotal</i> | <i>648,671</i> | <i>671,409</i> | <i>(22,738)</i> | <i>(4%)</i> | <i>679,855</i> | <i>806,172</i> | <i>(126,317)</i> | <i>(19%)</i> |
| Administrative | | | | | | | | |
| Academic Affairs & Research/Provost | 102,024 | 103,212 | (1,188) | (1%) | 102,024 | 113,142 | (11,118) | (11%) |
| Athletics | 44,005 | 54,264 | (10,259) | (23%) | 44,005 | 54,994 | (10,989) | (25%) |
| Chancellor | 10,735 | 9,860 | 875 | 8% | 10,735 | 10,938 | (203) | (2%) |
| Finance & Administration | 229,149 | 254,348 | (25,199) | (11%) | 229,149 | 262,533 | (33,384) | (15%) |
| Library & Information Resources | 123,488 | 144,568 | (21,080) | (17%) | 123,488 | 150,756 | (27,268) | (22%) |
| Student Affairs | 846,573 | 858,013 | (11,440) | (1%) | 846,573 | 962,059 | (115,486) | (14%) |
| University Advancement | 6,110 | 6,520 | (410) | (7%) | 6,110 | 6,575 | (465) | (8%) |
| <i>Administrative Subtotal</i> | <i>1,362,084</i> | <i>1,430,785</i> | <i>(68,701)</i> | <i>(5%)</i> | <i>1,362,084</i> | <i>1,560,997</i> | <i>(198,913)</i> | <i>(15%)</i> |
| TOTAL | 2,010,755 | 2,102,194 | (91,439) | (5%) | 2,041,939 | 2,367,169 | (325,230) | (16%) |
| <i>Inactive/Conversion Space</i> | <i>22,360</i> | | | | <i>22,360</i> | | | |
| <i>Affiliated Organizations</i> | <i>95,545</i> | | | | <i>95,545</i> | | | |



ASF = Assignable Square Feet

Space Needs Analysis by College

Academic Colleges

ARKANSAS STATE UNIVERSITY • JONESBORO

Space Needs Analysis by College/School or Major Unit

| COLLEGE/UNIT | Base Year | | | | Target Year | | | |
|---|---|----------------|--------------------|----------------------------|---|----------------|--------------------|----------------------------|
| | Student Headcount = 10,129 Staff Headcount = 2,090 | | | | Student Headcount = 11,406 Staff Headcount = 2,260 | | | |
| | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) |
| Academic | | | | | | | | |
| College of Agriculture & Technology | 32,561 | 32,943 | (382) | (1%) | 32,561 | 44,699 | (12,138) | (37%) |
| College of Business | 18,697 | 19,536 | (839) | (4%) | 18,697 | 21,368 | (2,671) | (14%) |
| College of Communications | 33,303 | 38,514 | (5,211) | (16%) | 33,303 | 42,103 | (8,800) | (26%) |
| College of Education | 116,993 | 149,562 | (32,569) | (28%) | 116,993 | 162,624 | (45,631) | (39%) |
| College of Engineering | 22,672 | 17,857 | 4,815 | 21% | 22,672 | 25,796 | (3,124) | (14%) |
| College of Fine Arts | 84,683 | 88,995 | (4,312) | (5%) | 84,683 | 96,235 | (11,552) | (14%) |
| College of Humanities & Social Science | 25,017 | 28,392 | (3,375) | (13%) | 38,037 | 37,306 | 731 | 2% |
| College of Nursing & Health Professions | 53,056 | 55,021 | (1,965) | (4%) | 53,056 | 62,371 | (9,315) | (18%) |
| College of Sciences & Mathematics | 100,114 | 105,406 | (5,292) | (5%) | 100,114 | 157,747 | (57,633) | (58%) |
| Graduate School | 3,064 | 1,275 | 1,789 | 58% | 3,064 | 1,700 | 1,364 | 45% |
| Honors College | 2,317 | 1,416 | 901 | 39% | 2,317 | 1,719 | 598 | 26% |
| University College | 12,609 | 13,965 | (1,356) | (11%) | 12,609 | 14,704 | (2,095) | (17%) |
| Classroom & Service | 143,585 | 118,527 | 25,058 | 17% | 161,749 | 137,800 | 23,949 | 15% |
| <i>Academic Subtotal</i> | <i>648,671</i> | <i>671,409</i> | <i>(22,738)</i> | <i>(4%)</i> | <i>679,855</i> | <i>806,172</i> | <i>(126,317)</i> | <i>(19%)</i> |

Space Needs Analysis by College

Major Administrative Divisions

ARKANSAS STATE UNIVERSITY • JONESBORO

Space Needs Analysis by College/School or Major Unit

| COLLEGE/UNIT | Base Year | | | | Target Year | | | |
|-------------------------------------|---|------------------|--------------------|----------------------------|---|------------------|--------------------|----------------------------|
| | Student Headcount = 10,129 Staff Headcount = 2,090 | | | | Student Headcount = 11,406 Staff Headcount = 2,260 | | | |
| | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) | Existing ASF | Guideline ASF | Surplus/ (Deficit) | Percent Surplus/ (Deficit) |
| Administrative | | | | | | | | |
| Academic Affairs & Research/Provost | 102,024 | 103,212 | (1,188) | (1%) | 102,024 | 113,142 | (11,118) | (11%) |
| Athletics | 44,005 | 54,264 | (10,259) | (23%) | 44,005 | 54,994 | (10,989) | (25%) |
| Chancellor | 10,735 | 9,860 | 875 | 8% | 10,735 | 10,938 | (203) | (2%) |
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| Library & Information Resources | 123,488 | 144,568 | (21,080) | (17%) | 123,488 | 150,756 | (27,268) | (22%) |
| Student Affairs | 846,573 | 858,013 | (11,440) | (1%) | 846,573 | 962,059 | (115,486) | (14%) |
| University Advancement | 6,110 | 6,520 | (410) | (7%) | 6,110 | 6,575 | (465) | (8%) |
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| TOTAL | 2,010,755 | 2,102,194 | (91,439) | (5%) | 2,041,939 | 2,367,169 | (325,230) | (16%) |
| <i>Inactive/Conversion Space</i> | <i>22,360</i> | | | | <i>22,360</i> | | | |
| <i>Affiliated Organizations</i> | <i>95,545</i> | | | | <i>95,545</i> | | | |

ASF = Assignable Square Feet

Stretch Break!





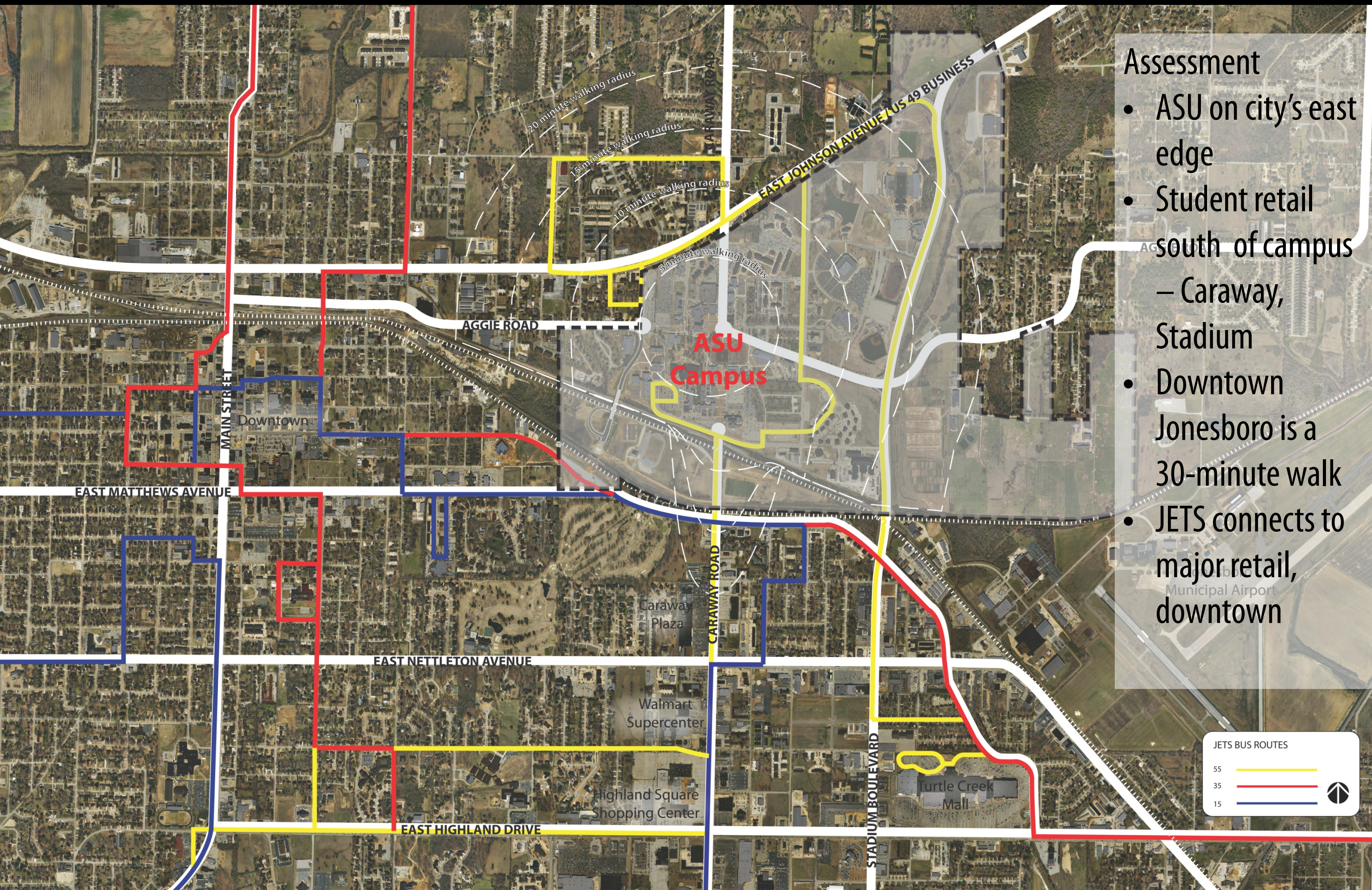
Campus Site Analysis

- Campus in the Community
- Campus Structure
- Natural Systems
- Campus Open Space
- Safety and Security
- Mobility
- Utility Corridors



Campus Site Analysis

Campus in the Community



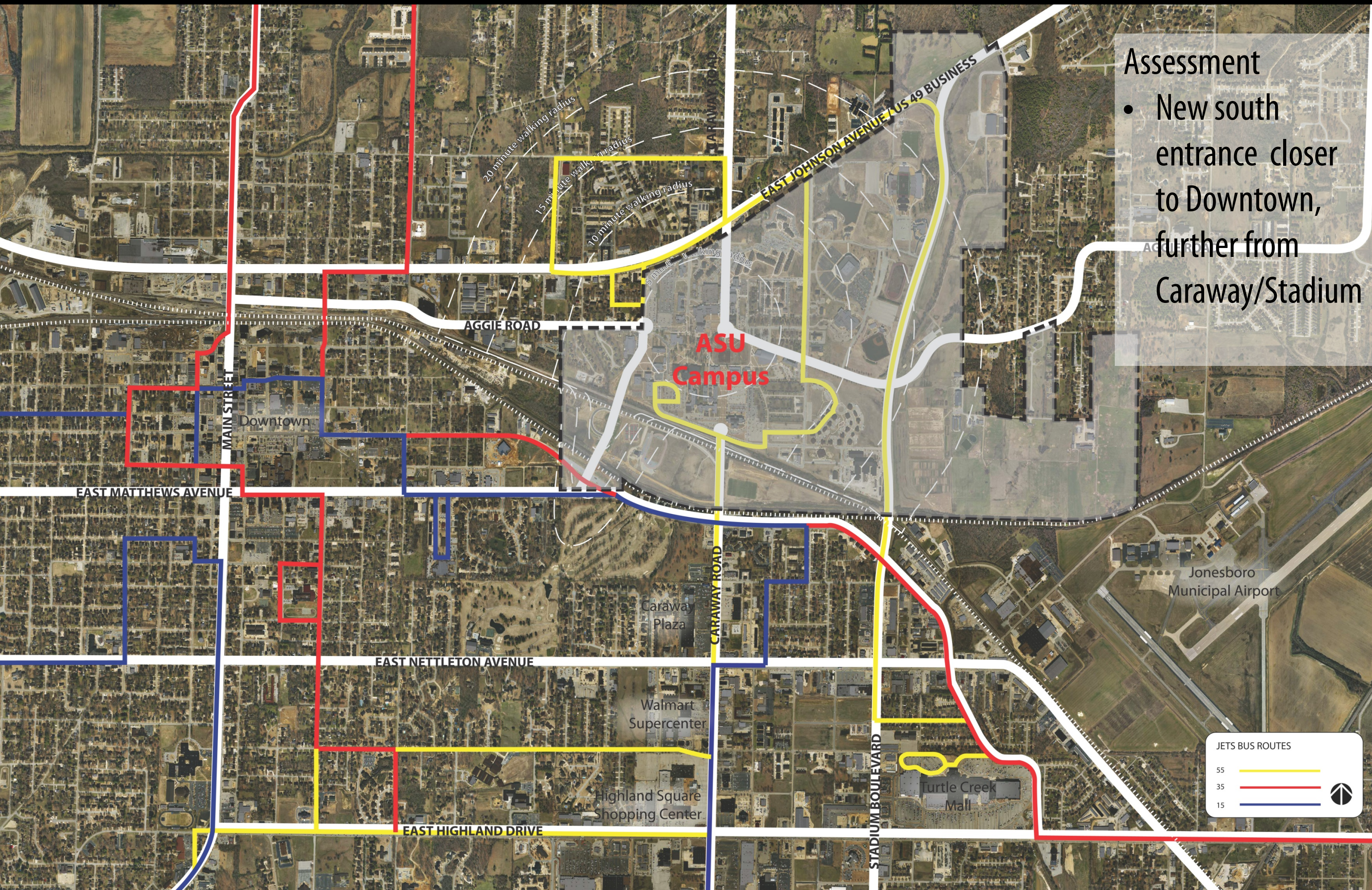
- Assessment**
- ASU on city's east edge
 - Student retail south of campus – Caraway, Stadium
 - Downtown Jonesboro is a 30-minute walk
 - JETS connects to major retail, downtown

JETS BUS ROUTES

- 55 (Yellow line)
- 35 (Red line)
- 15 (Blue line)

Campus Site Analysis

Campus in the Community

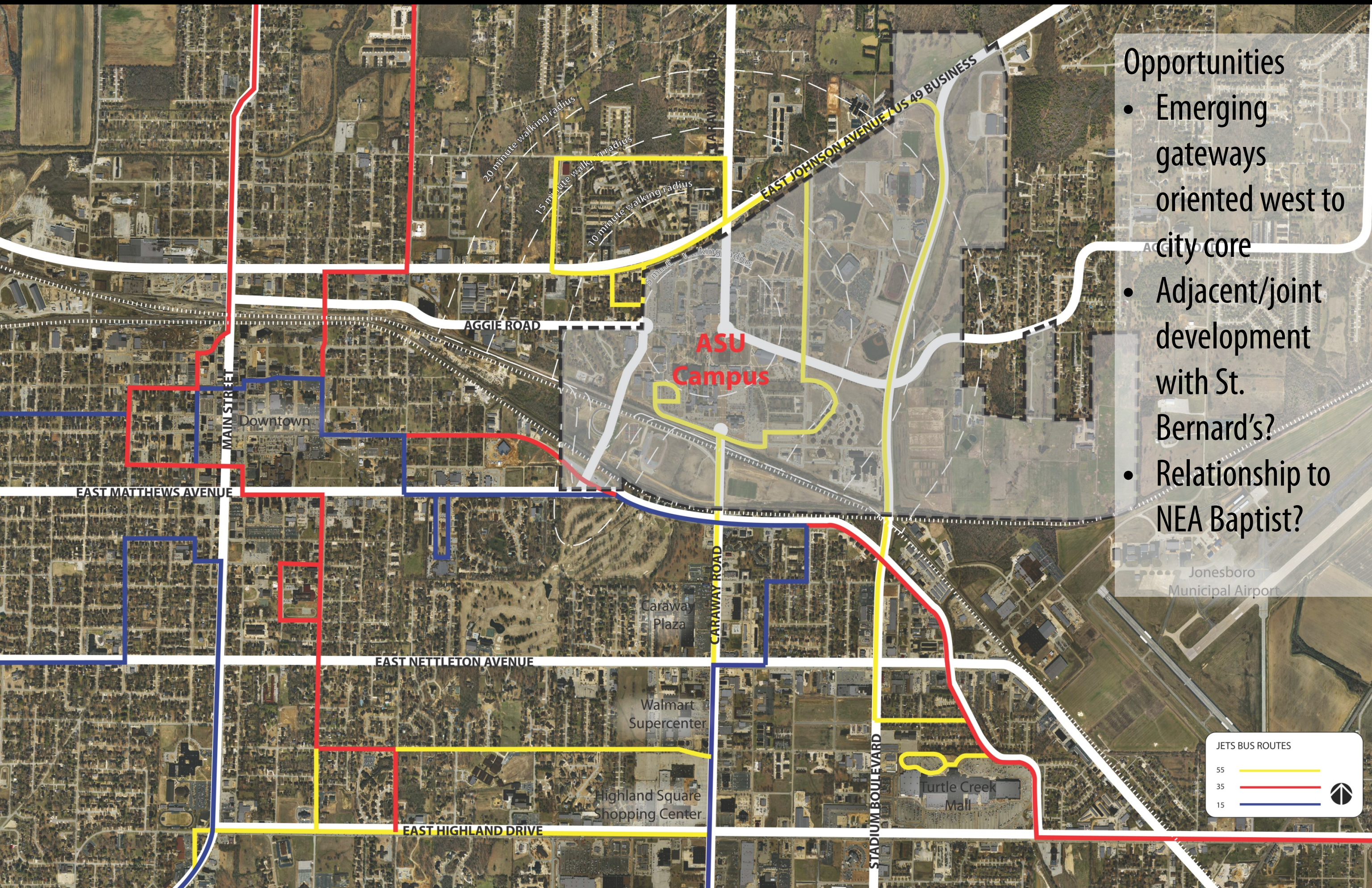


Assessment

- New south entrance closer to Downtown, further from Caraway/Stadium

Campus Site Analysis

Campus in the Community



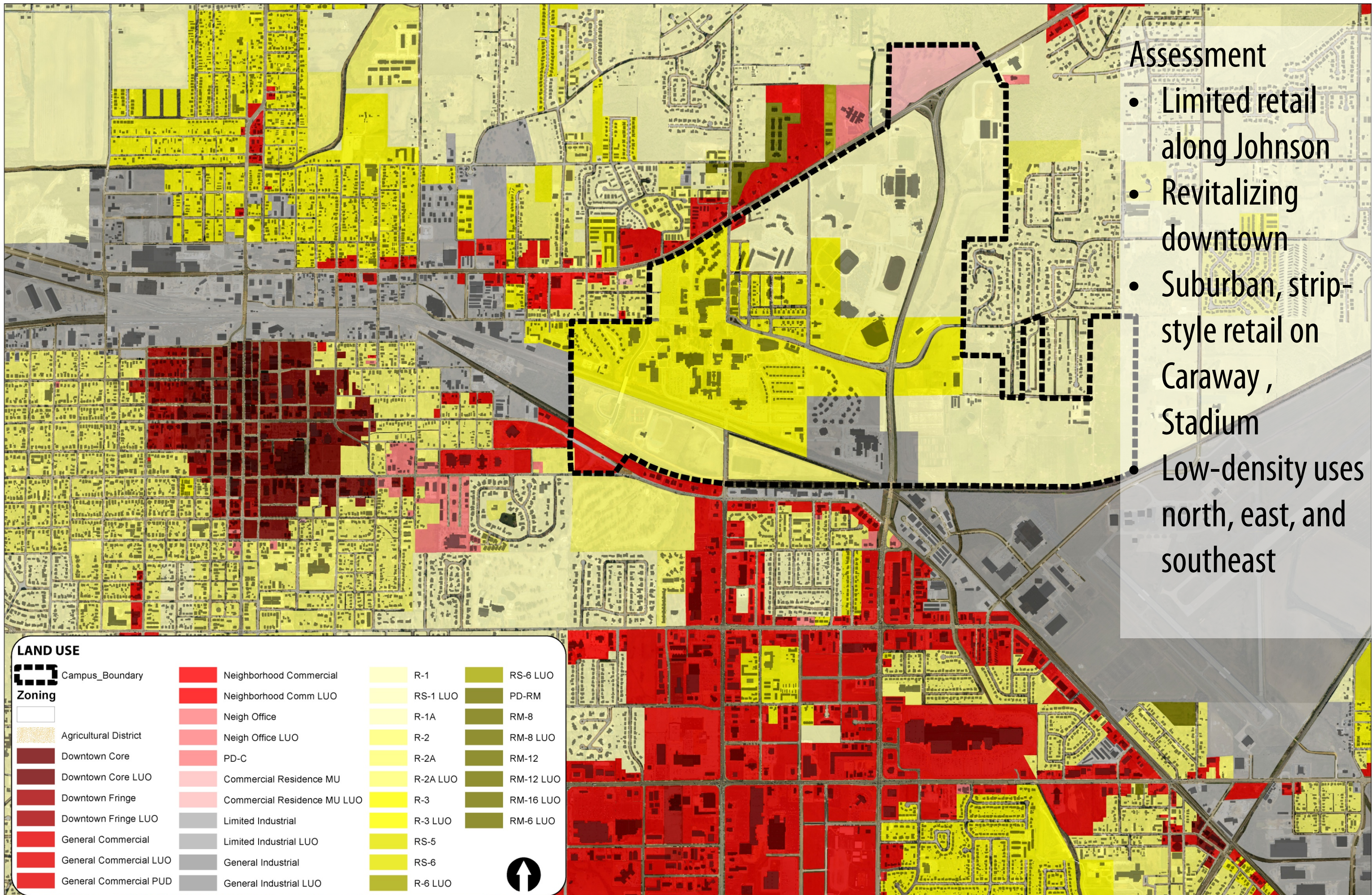
- Opportunities
- Emerging gateways oriented west to city core
 - Adjacent/joint development with St. Bernard's?
 - Relationship to NEA Baptist?
- Jonesboro Municipal Airport

JETS BUS ROUTES

| | |
|----|--|
| 55 | |
| 35 | |
| 15 | |

Campus Site Analysis

Campus in the Community



Assessment

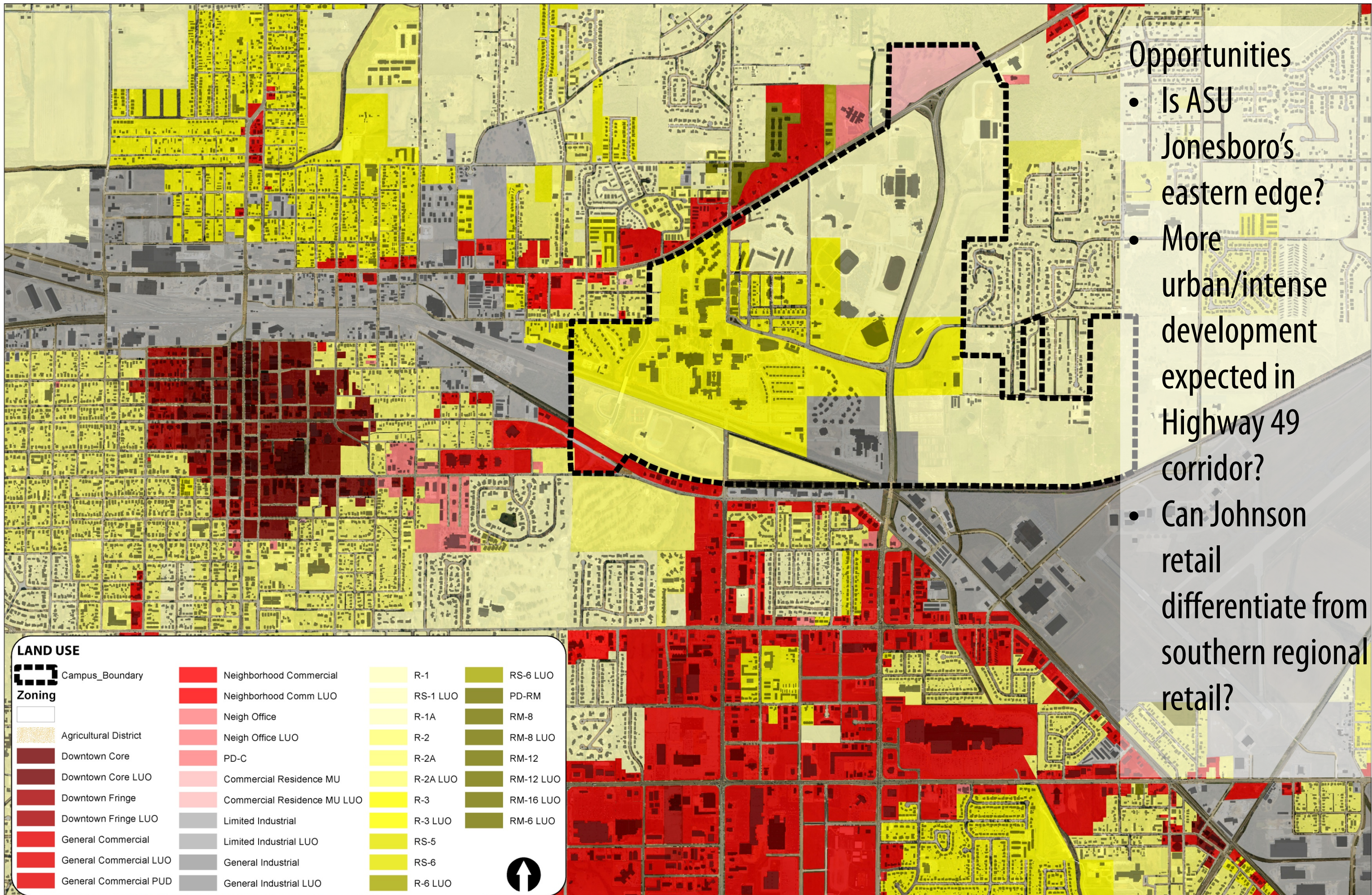
- Limited retail along Johnson
- Revitalizing downtown
- Suburban, strip-style retail on Caraway, Stadium
- Low-density uses north, east, and southeast

| LAND USE | | | |
|----------|------------------------|--|-----------------------------|
| | Campus_Boundary | | Neighborhood Commercial |
| | Zoning | | Neighborhood Comm LUO |
| | Agricultural District | | Neigh Office |
| | Downtown Core | | Neigh Office LUO |
| | Downtown Core LUO | | PD-C |
| | Downtown Fringe | | Commercial Residence MU |
| | Downtown Fringe LUO | | Commercial Residence MU LUO |
| | General Commercial | | Limited Industrial |
| | General Commercial LUO | | Limited Industrial LUO |
| | General Commercial PUD | | General Industrial |
| | | | General Industrial LUO |
| | | | R-1 |
| | | | RS-1 LUO |
| | | | R-1A |
| | | | R-2 |
| | | | R-2A |
| | | | R-2A LUO |
| | | | R-3 |
| | | | R-3 LUO |
| | | | RS-5 |
| | | | RS-6 |
| | | | R-6 LUO |
| | | | RS-6 LUO |
| | | | PD-RM |
| | | | RM-8 |
| | | | RM-8 LUO |
| | | | RM-12 |
| | | | RM-12 LUO |
| | | | RM-16 LUO |
| | | | RM-6 LUO |



Campus Site Analysis

Campus in the Community



Opportunities

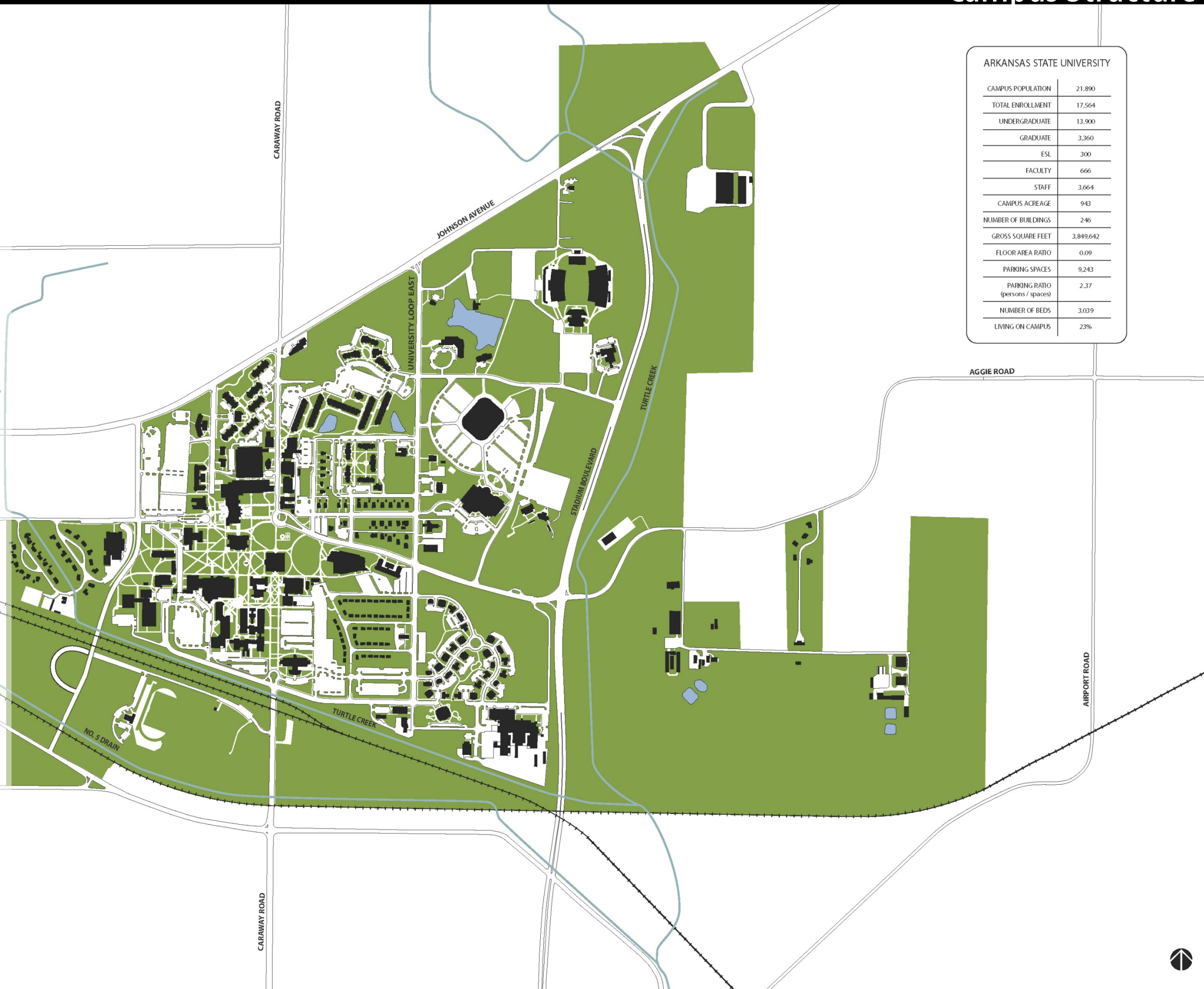
- Is ASU Jonesboro's eastern edge?
- More urban/intense development expected in Highway 49 corridor?
- Can Johnson retail differentiate from southern regional retail?

| LAND USE | | | |
|----------|------------------------|--|-----------------------------|
| | Campus_Boundary | | Neighborhood Commercial |
| | Zoning | | Neighborhood Comm LUO |
| | Agricultural District | | Neigh Office |
| | Downtown Core | | Neigh Office LUO |
| | Downtown Core LUO | | PD-C |
| | Downtown Fringe | | Commercial Residence MU |
| | Downtown Fringe LUO | | Commercial Residence MU LUO |
| | General Commercial | | Limited Industrial |
| | General Commercial LUO | | Limited Industrial LUO |
| | General Commercial PUD | | General Industrial |
| | | | General Industrial LUO |
| | | | R-1 |
| | | | RS-1 LUO |
| | | | R-1A |
| | | | R-2 |
| | | | R-2A |
| | | | R-2A LUO |
| | | | R-3 |
| | | | R-3 LUO |
| | | | RS-5 |
| | | | RS-6 |
| | | | R-6 LUO |
| | | | RS-6 LUO |
| | | | PD-RM |
| | | | RM-8 |
| | | | RM-8 LUO |
| | | | RM-12 |
| | | | RM-12 LUO |
| | | | RM-16 LUO |
| | | | RM-6 LUO |



Assessment

- Campus integrating itself over former Aggie and Caraway ROW – Reng, Humanities
- More intense, orthogonal core
- Suburban-style low density on edges
- Large footprint athletics
- Rural farm

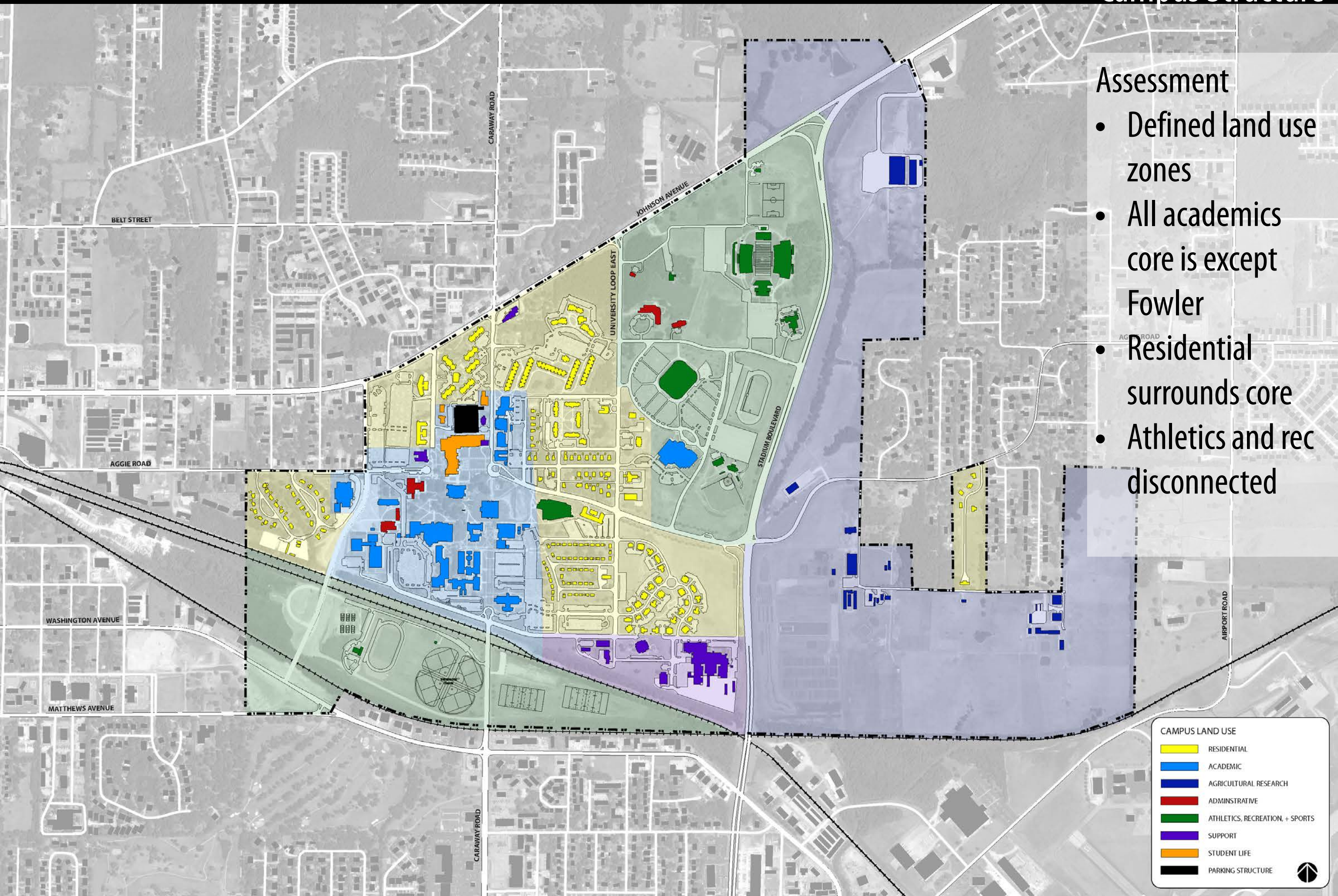


| ARKANSAS STATE UNIVERSITY | |
|----------------------------------|-----------|
| CAMPUS POPULATION | 21,890 |
| TOTAL ENROLLMENT | 17,564 |
| UNDERGRADUATE | 13,900 |
| GRADUATE | 3,360 |
| ESL | 300 |
| FACULTY | 666 |
| STAFF | 3,664 |
| CAMPUS ACREAGE | 943 |
| NUMBER OF BUILDINGS | 246 |
| GROSS SQUARE FEET | 3,849,642 |
| FLOOR AREA RATIO | 0.09 |
| PARKING SPACES | 9,243 |
| PARKING RATIO (persons / spaces) | 2.37 |
| NUMBER OF BEDS | 3,039 |
| LIVING ON CAMPUS | 23% |



Campus Site Analysis

Campus Structure

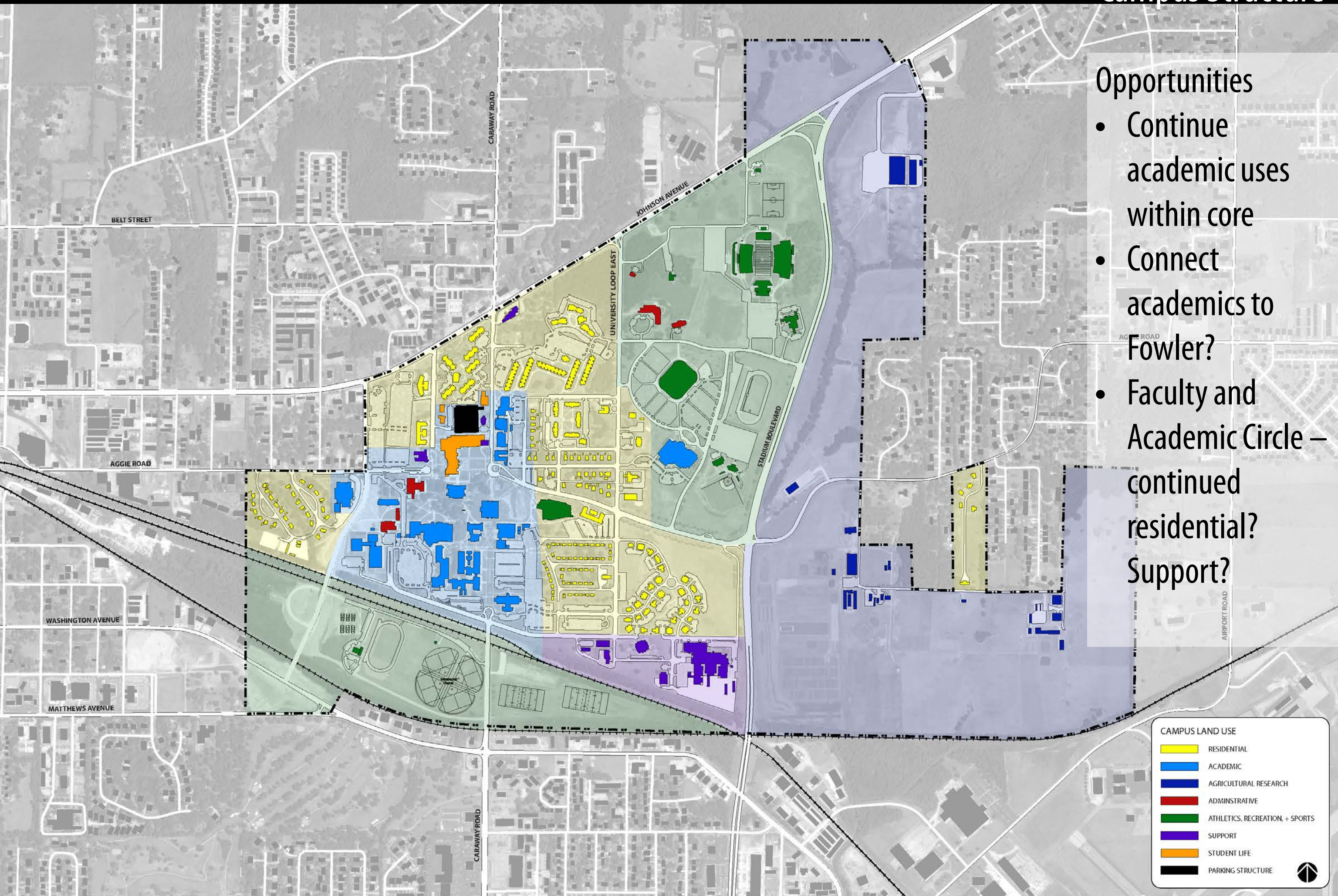


Assessment

- Defined land use zones
- All academics core is except Fowler
- Residential surrounds core
- Athletics and rec disconnected

Campus Site Analysis

Campus Structure

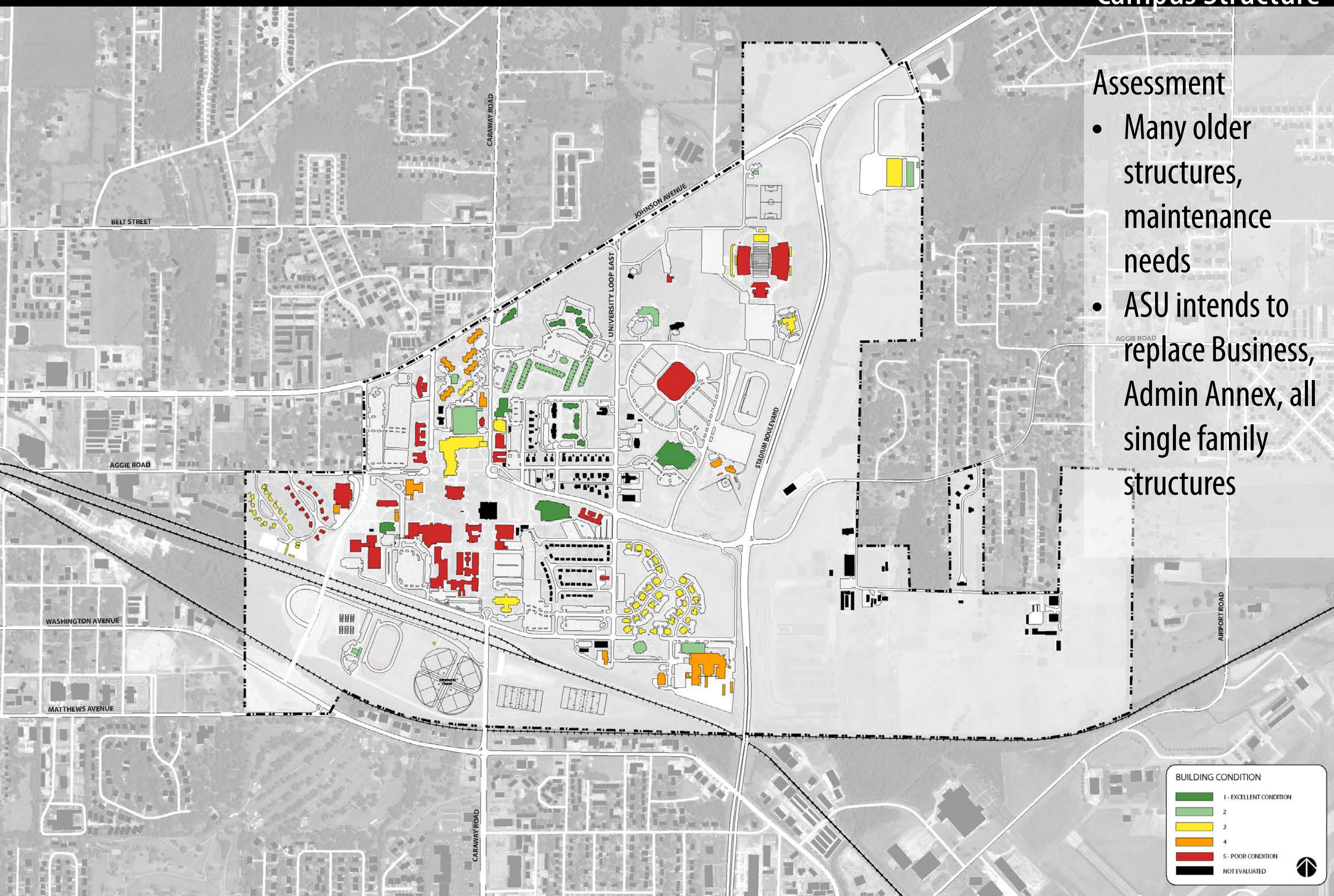


Opportunities

- Continue academic uses within core
- Connect academics to Fowler?
- Faculty and Academic Circle – continued residential? Support?

Campus Site Analysis

Campus Structure



Assessment

- Many older structures, maintenance needs
- ASU intends to replace Business, Admin Annex, all single family structures

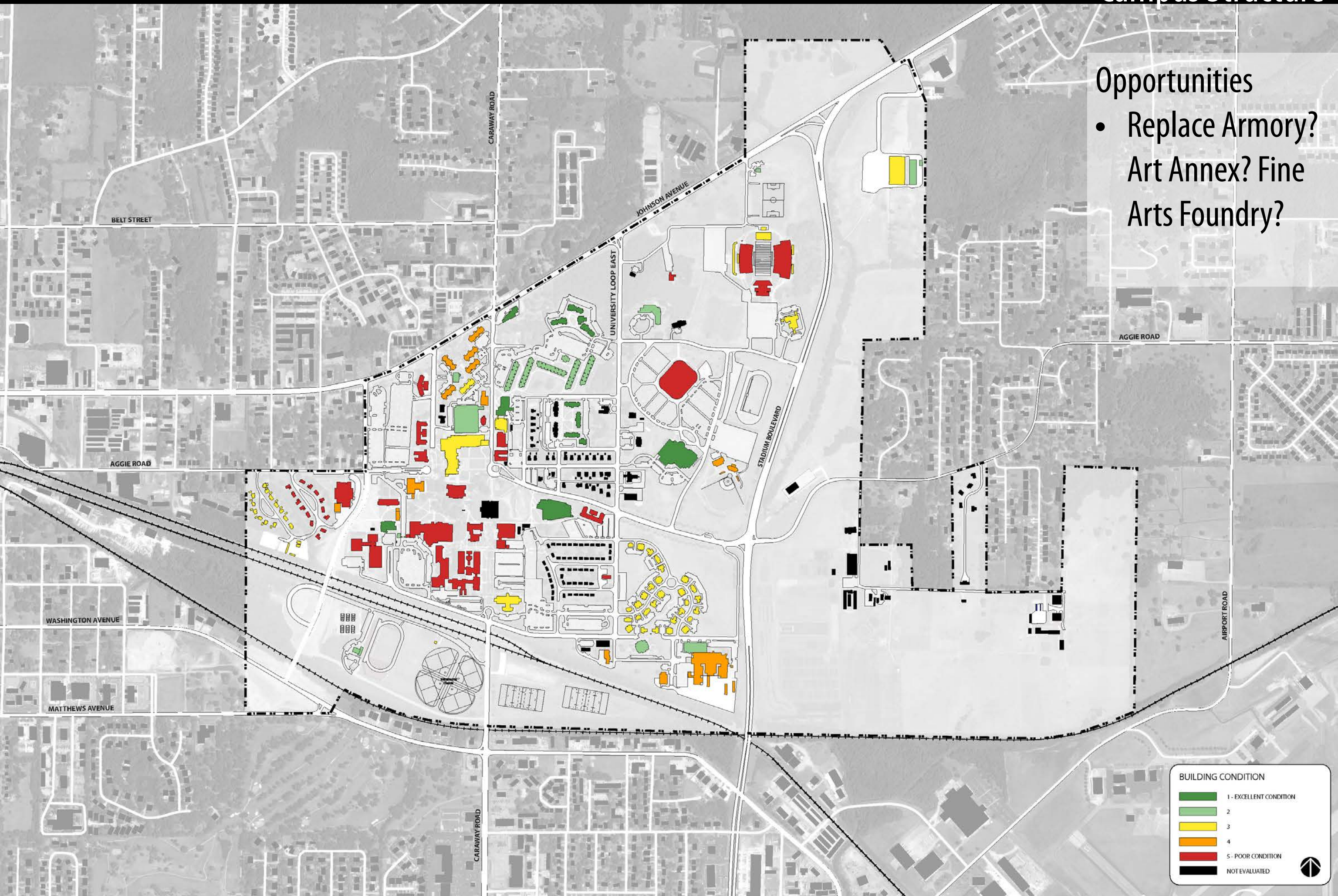
| BUILDING CONDITION | |
|--------------------|-------------------------|
| | 1 - EXCELLENT CONDITION |
| | 2 |
| | 3 |
| | 4 |
| | 5 - POOR CONDITION |
| | NOT EVALUATED |

Campus Site Analysis

Campus Structure

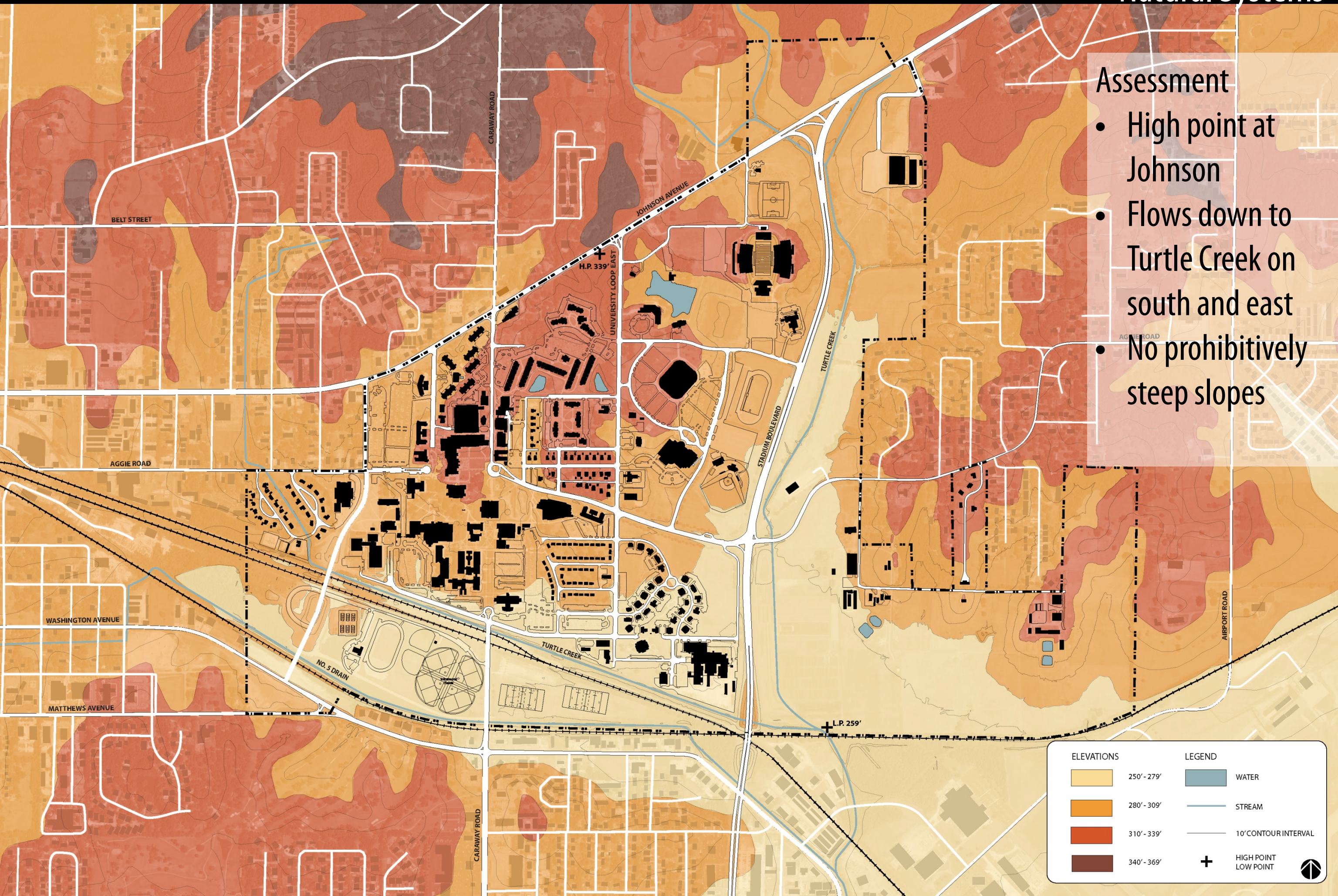
Opportunities

- Replace Armory? Art Annex? Fine Arts Foundry?



Campus Site Analysis

Natural Systems



Assessment

- High point at Johnson
- Flows down to Turtle Creek on south and east
- No prohibitively steep slopes

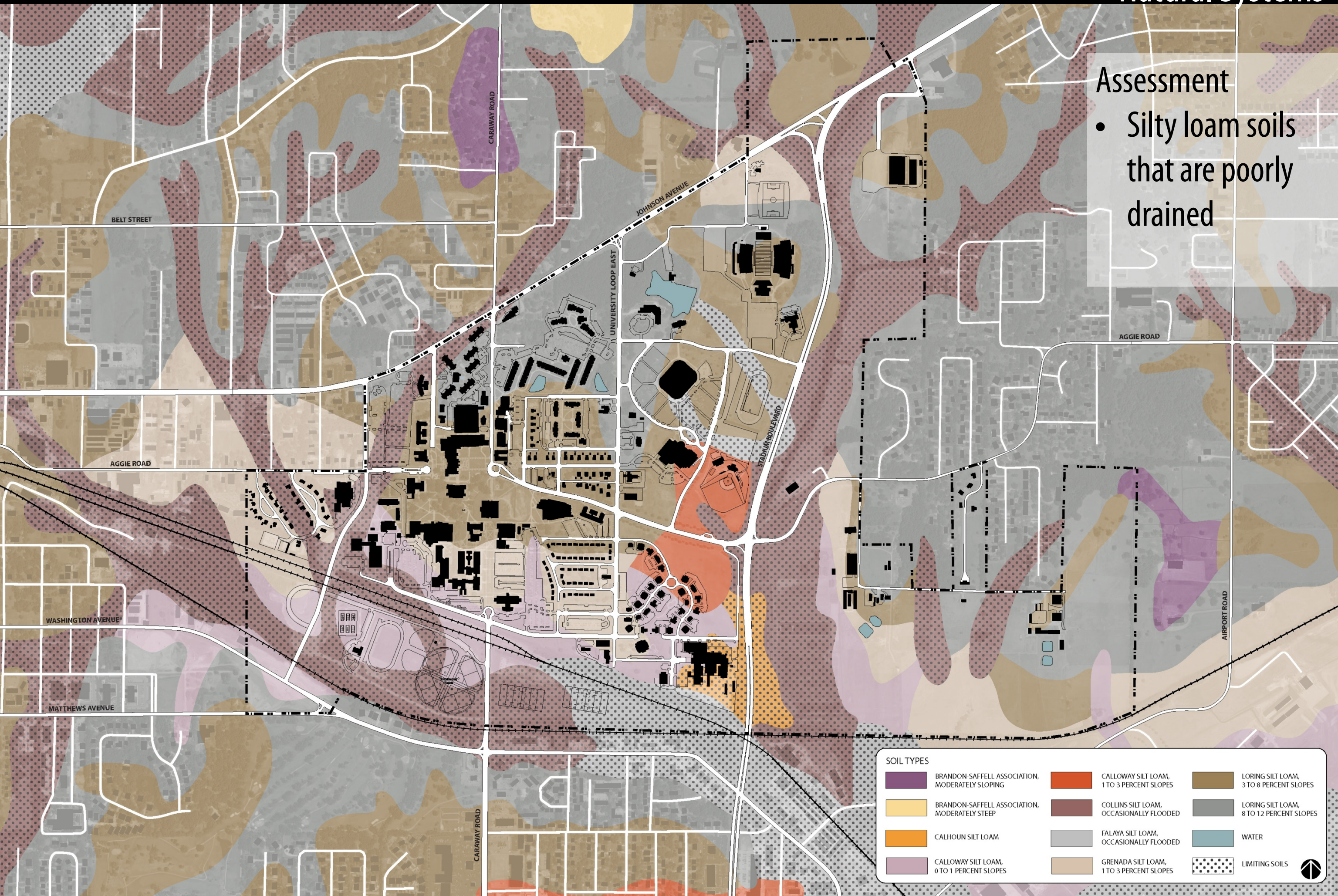
| ELEVATIONS | | LEGEND | |
|------------|-------------|--------|-------------------------|
| | 250' - 279' | | WATER |
| | 280' - 309' | | STREAM |
| | 310' - 339' | | 10' CONTOUR INTERVAL |
| | 340' - 369' | | HIGH POINT LOW POINT |

Campus Site Analysis

Natural Systems

Assessment

- Silty loam soils that are poorly drained



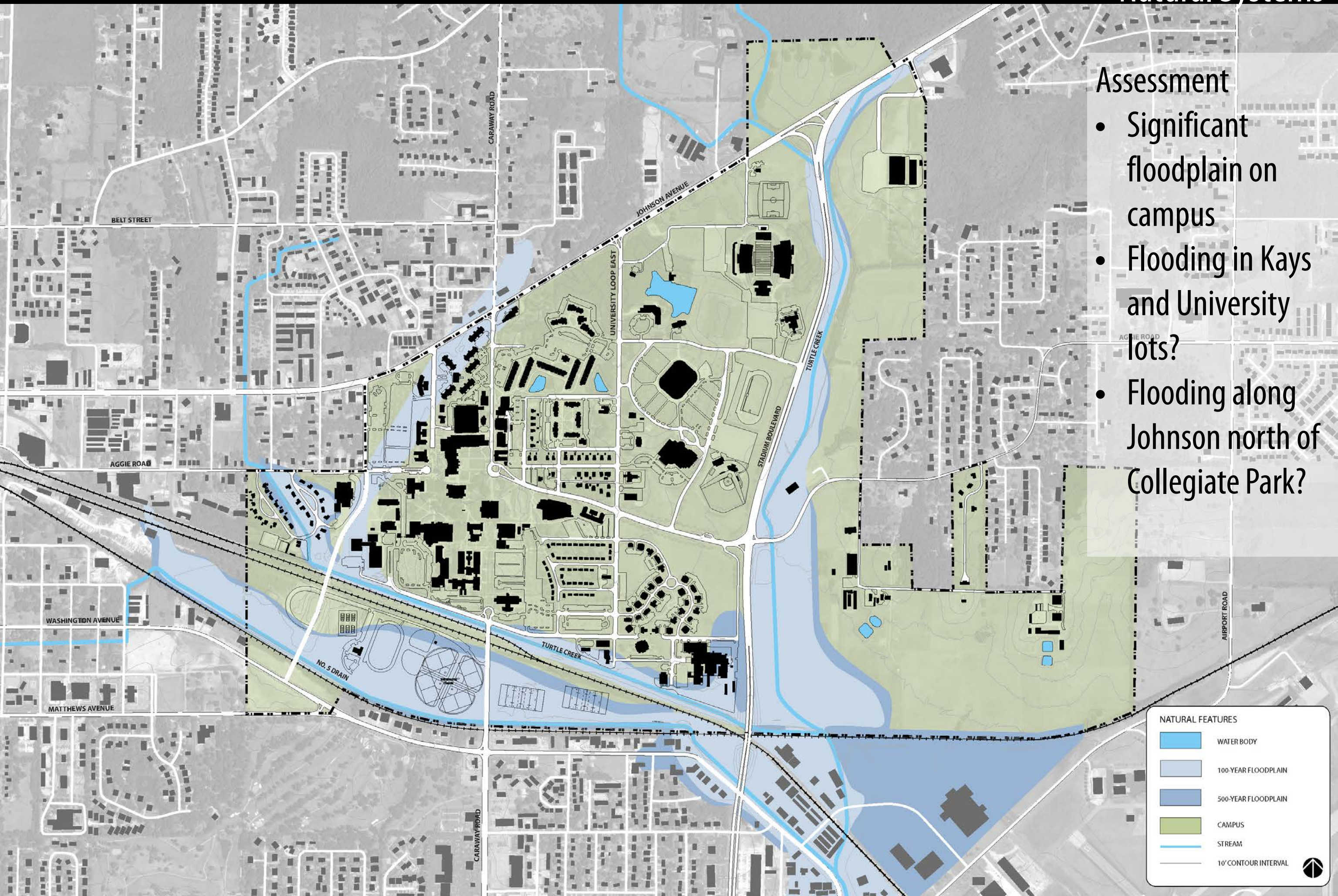
| SOIL TYPES | | | |
|------------|---|--|--|
| | BRANDON-SAFFELL ASSOCIATION, MODERATELY SLOPING | | LORING SILT LOAM, 3 TO 8 PERCENT SLOPES |
| | BRANDON-SAFFELL ASSOCIATION, MODERATELY STEEP | | LORING SILT LOAM, 8 TO 12 PERCENT SLOPES |
| | CALHOUN SILT LOAM | | WATER |
| | CALLOWAY SILT LOAM, 0 TO 1 PERCENT SLOPES | | FALAYA SILT LOAM, OCCASIONALLY FLOODED |
| | CALLOWAY SILT LOAM, 1 TO 3 PERCENT SLOPES | | GRENADA SILT LOAM, 1 TO 3 PERCENT SLOPES |
| | COLLINS SILT LOAM, OCCASIONALLY FLOODED | | LIMITING SOILS |
| | FALAYA SILT LOAM, OCCASIONALLY FLOODED | | |

Campus Site Analysis

Natural Systems

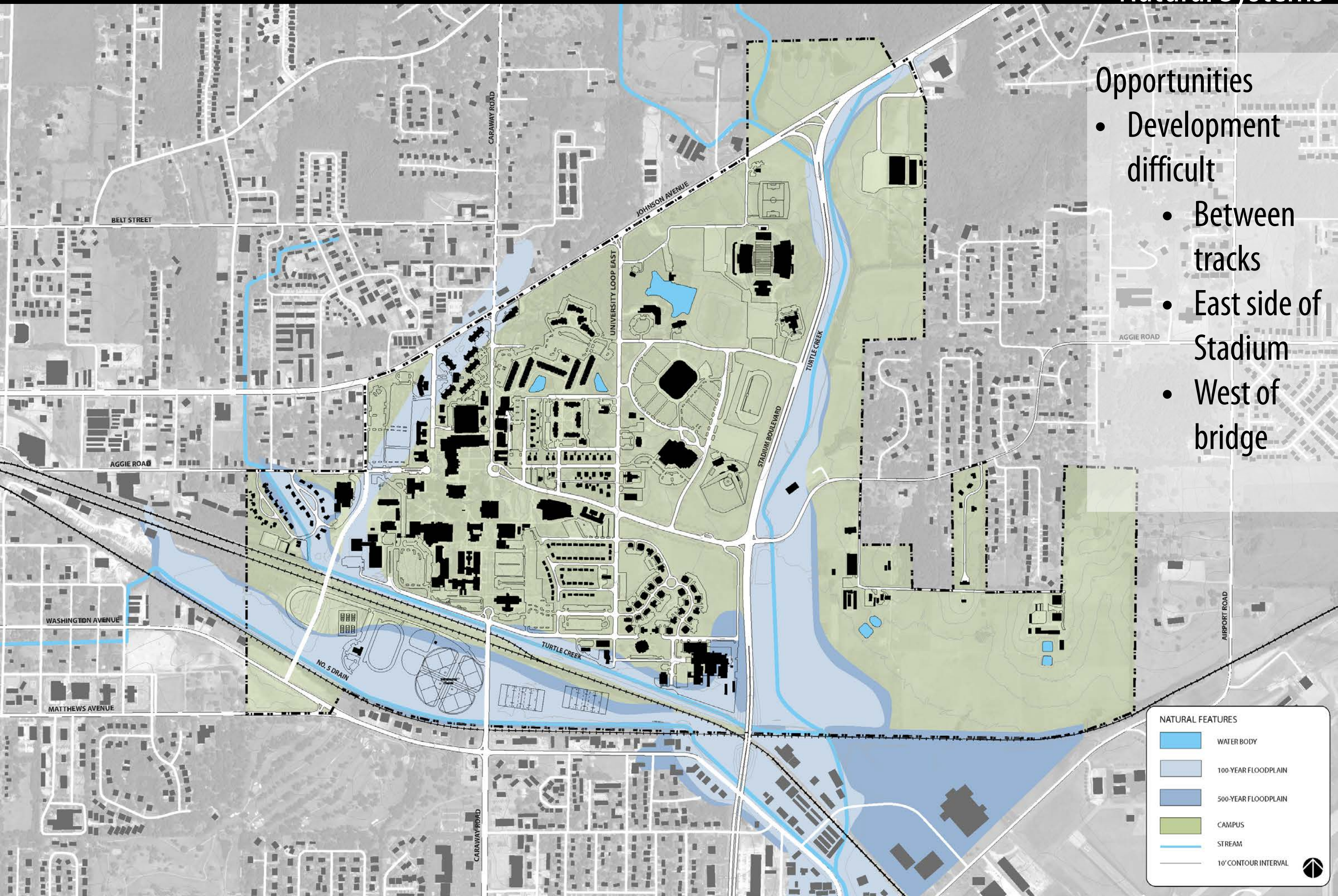
Assessment

- Significant floodplain on campus
- Flooding in Kays and University lots?
- Flooding along Johnson north of Collegiate Park?



Campus Site Analysis


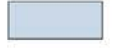




Natural Systems




Opportunities

- Development difficult
 - Between tracks
 - East side of Stadium
 - West of bridge

NATURAL FEATURES

| | |
|---|----------------------|
|  | WATER BODY |
|  | 100-YEAR FLOODPLAIN |
|  | 500-YEAR FLOODPLAIN |
|  | CAMPUS |
|  | STREAM |
|  | 10' CONTOUR INTERVAL |

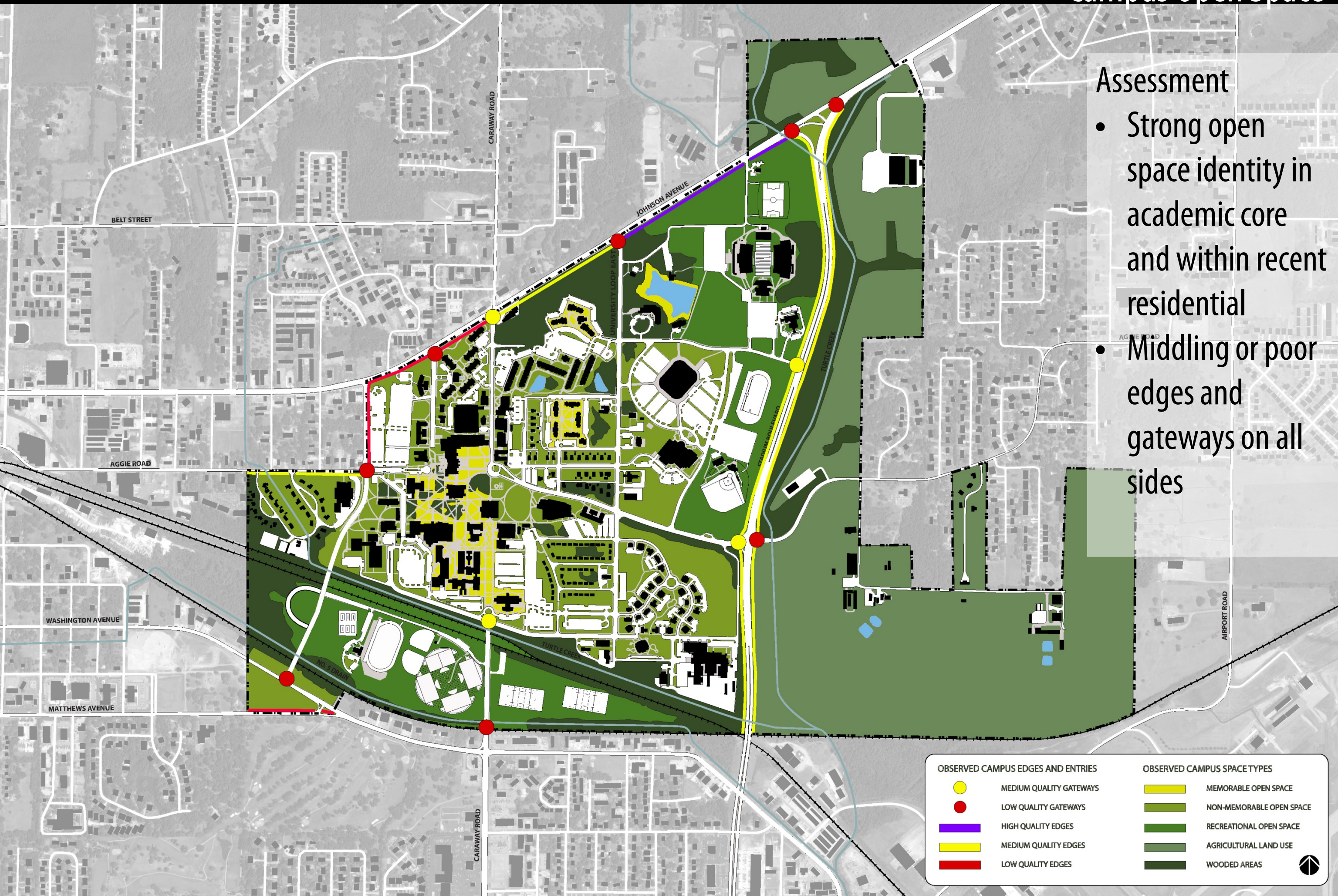


Campus Site Analysis

Campus Open Space

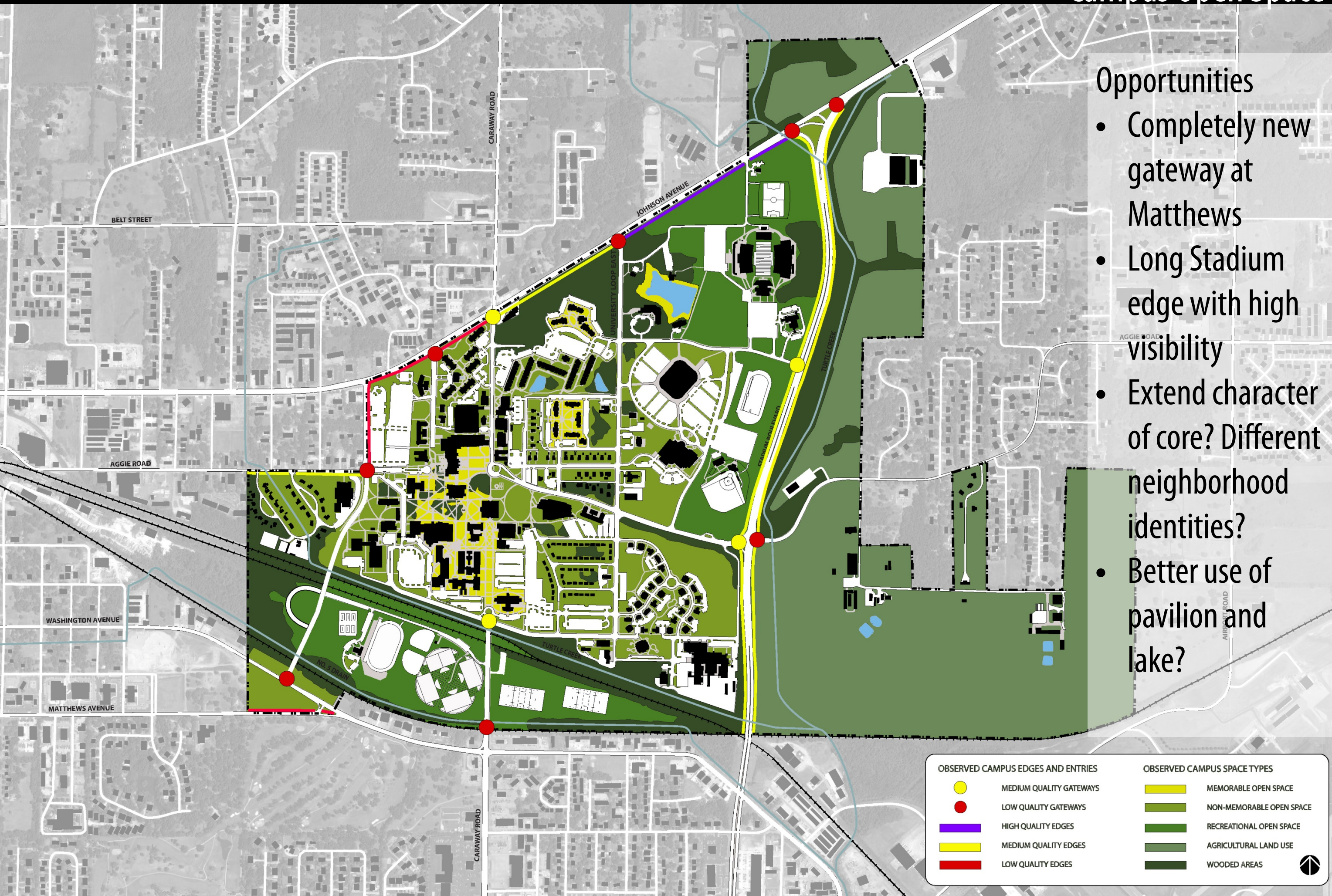
Assessment

- Strong open space identity in academic core and within recent residential
- Middling or poor edges and gateways on all sides



Campus Site Analysis

Campus Open Space

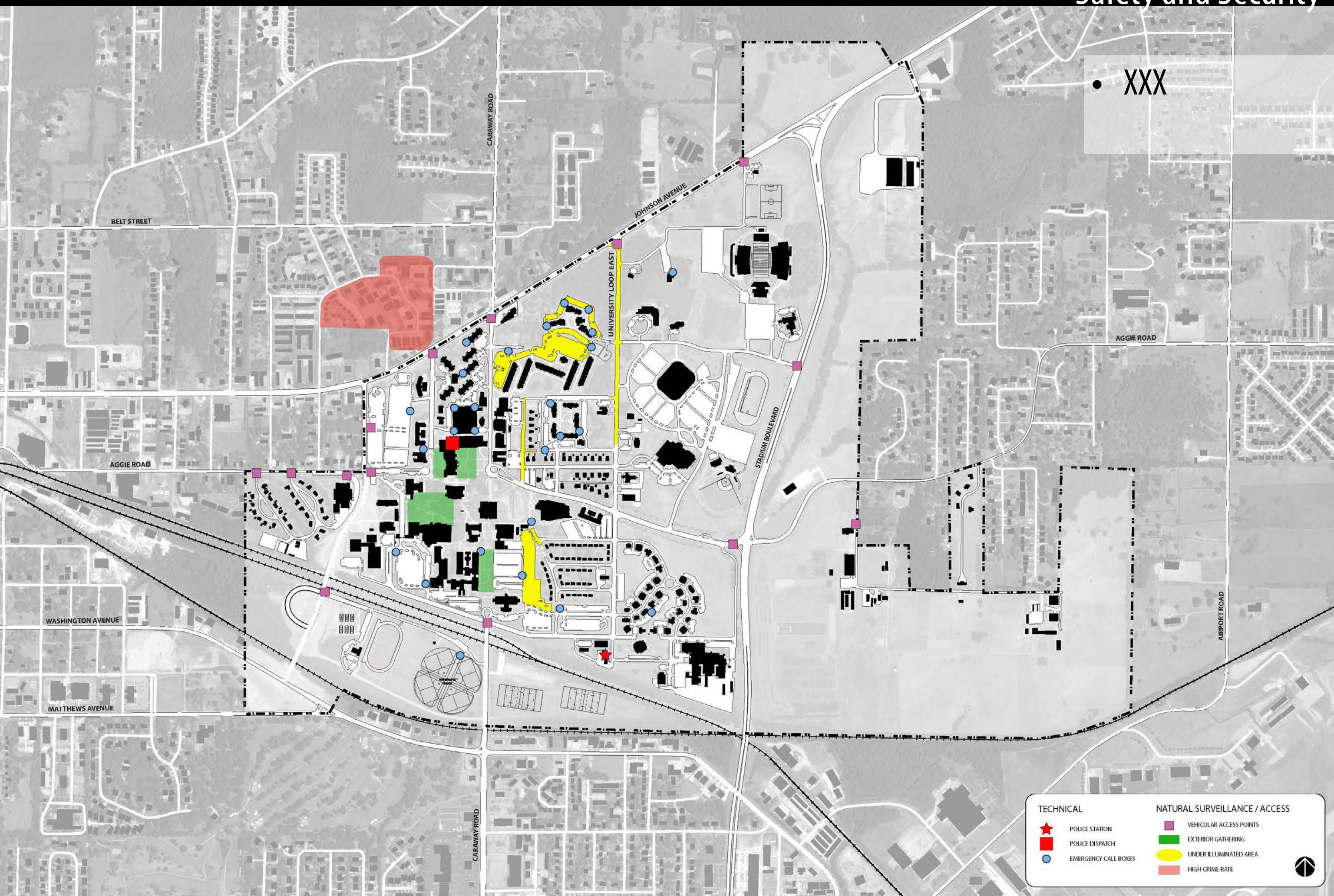


Opportunities

- Completely new gateway at Matthews
- Long Stadium edge with high visibility
- Extend character of core? Different neighborhood identities?
- Better use of pavilion and lake?


Campus Site Analysis

Safety and Security



• XXX

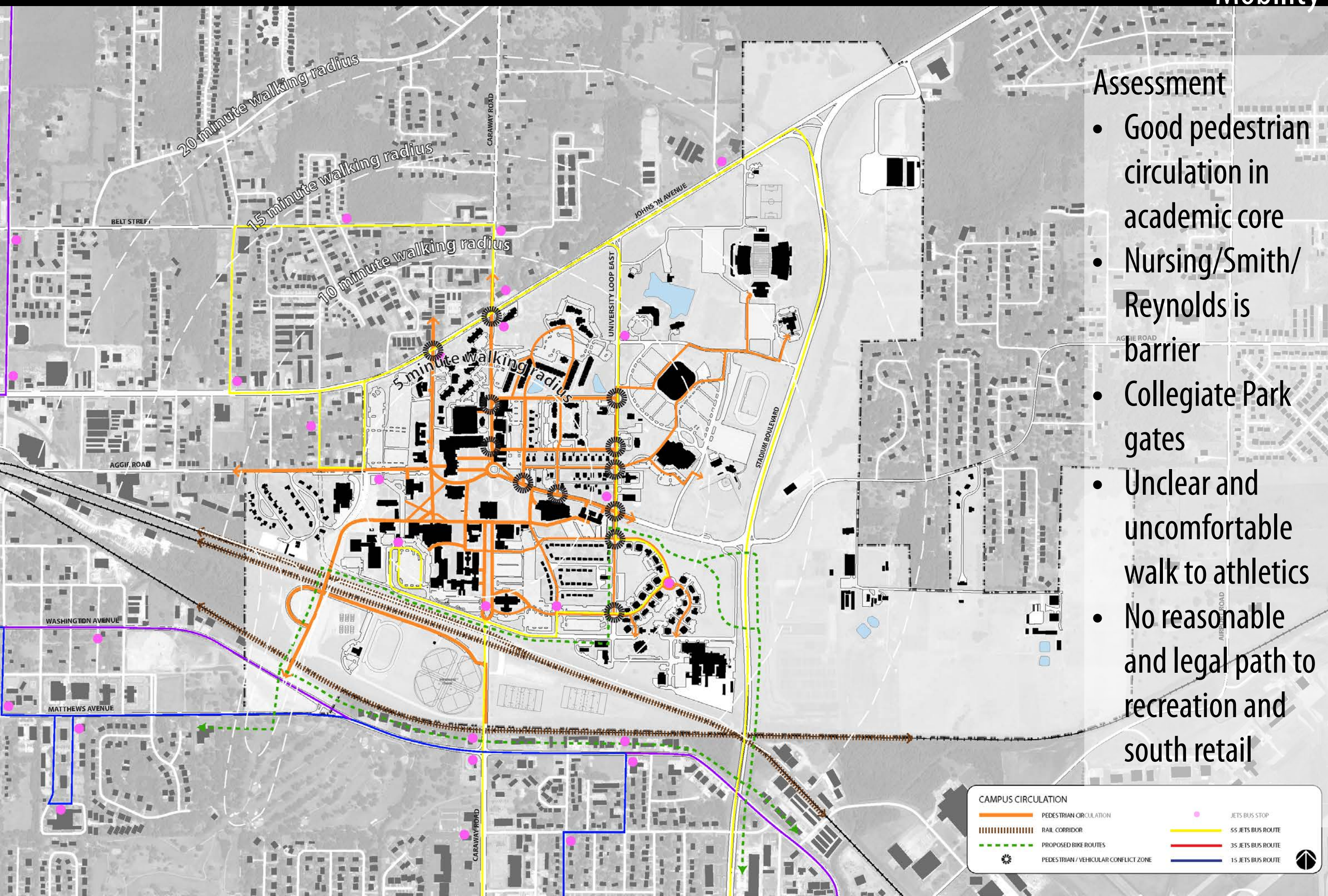
| TECHNICAL | NATURAL SURVEILLANCE / ACCESS |
|------------------------|-------------------------------|
| ★ POLICE STATION | ■ VEHICULAR ACCESS POINTS |
| ■ POLICE DISPATCH | ■ EXTERIOR GATHERING |
| ● EMERGENCY CALL BOXES | ■ UNDER ILLUMINATED AREA |
| | ■ HIGH CRIME RATE |



- Insert PE
Group slides

Campus Site Analysis

Mobility



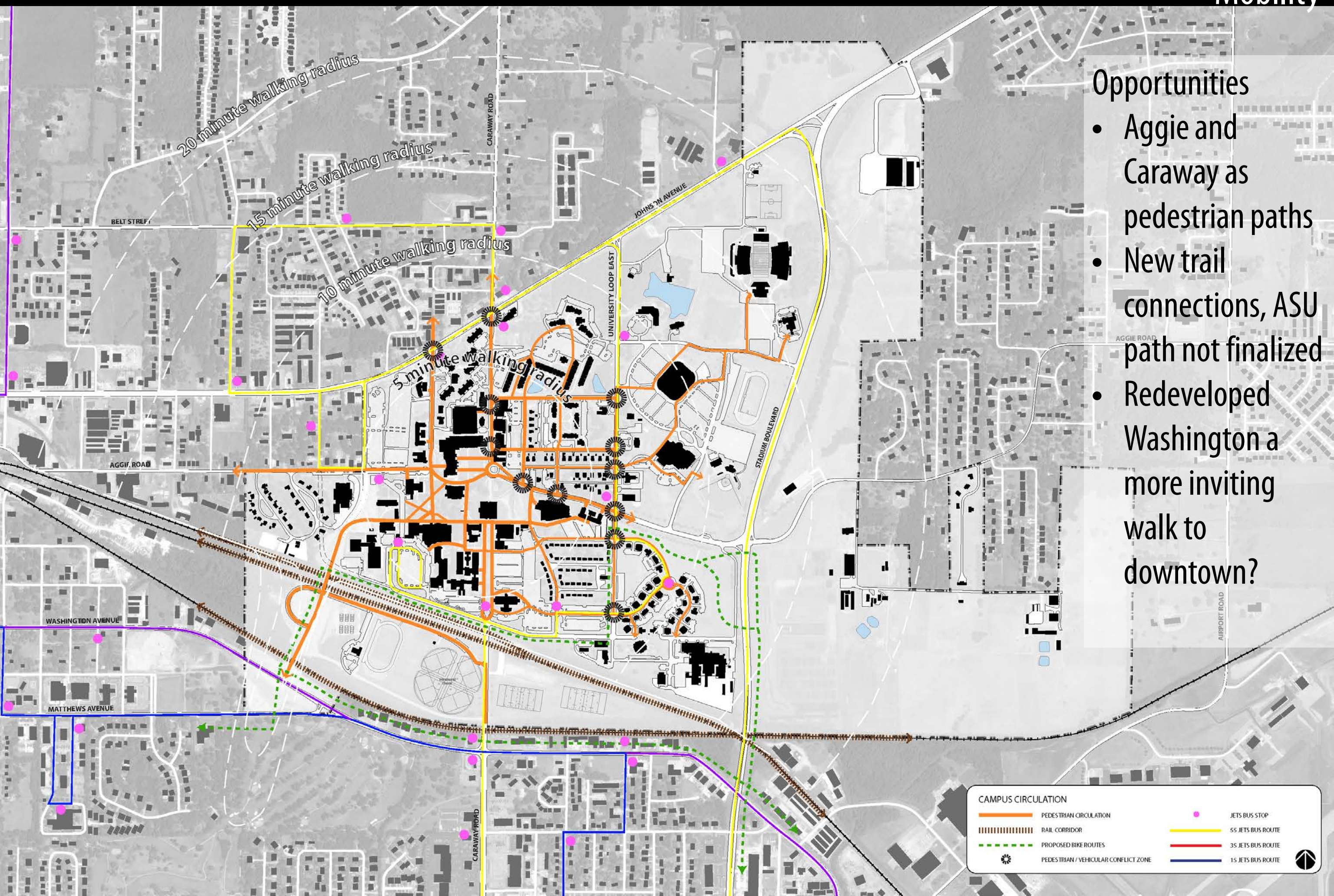
Assessment

- Good pedestrian circulation in academic core
- Nursing/Smith/Reynolds is barrier
- Collegiate Park gates
- Unclear and uncomfortable walk to athletics
- No reasonable and legal path to recreation and south retail

| CAMPUS CIRCULATION | |
|--------------------|--------------------------------------|
| | PEDESTRIAN CIRCULATION |
| | RAIL CORRIDOR |
| | PROPOSED BIKE ROUTES |
| | PEDESTRIAN / VEHICULAR CONFLICT ZONE |
| | JETS BUS STOP |
| | 55 JETS BUS ROUTE |
| | 35 JETS BUS ROUTE |
| | 15 JETS BUS ROUTE |

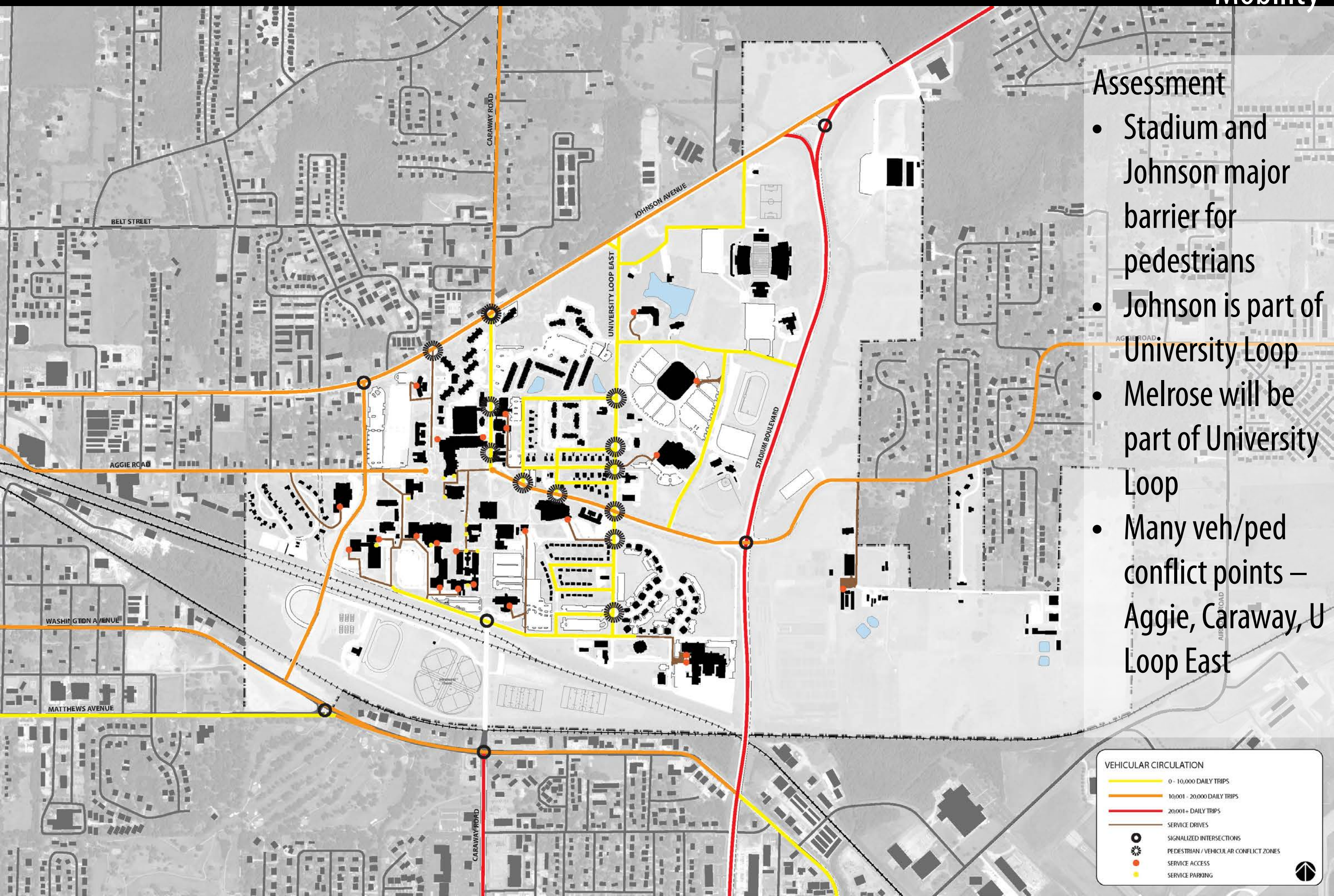
Campus Site Analysis

Mobility



- Opportunities
- Aggie and Caraway as pedestrian paths
 - New trail connections, ASU path not finalized
 - Redeveloped Washington a more inviting walk to downtown?

| CAMPUS CIRCULATION | |
|--------------------|--------------------------------------|
| | PEDESTRIAN CIRCULATION |
| | RAIL CORRIDOR |
| | PROPOSED BIKE ROUTES |
| | PEDESTRIAN / VEHICULAR CONFLICT ZONE |
| | JETS BUS STOP |
| | 55 JETS BUS ROUTE |
| | 35 JETS BUS ROUTE |
| | 15 JETS BUS ROUTE |



Assessment

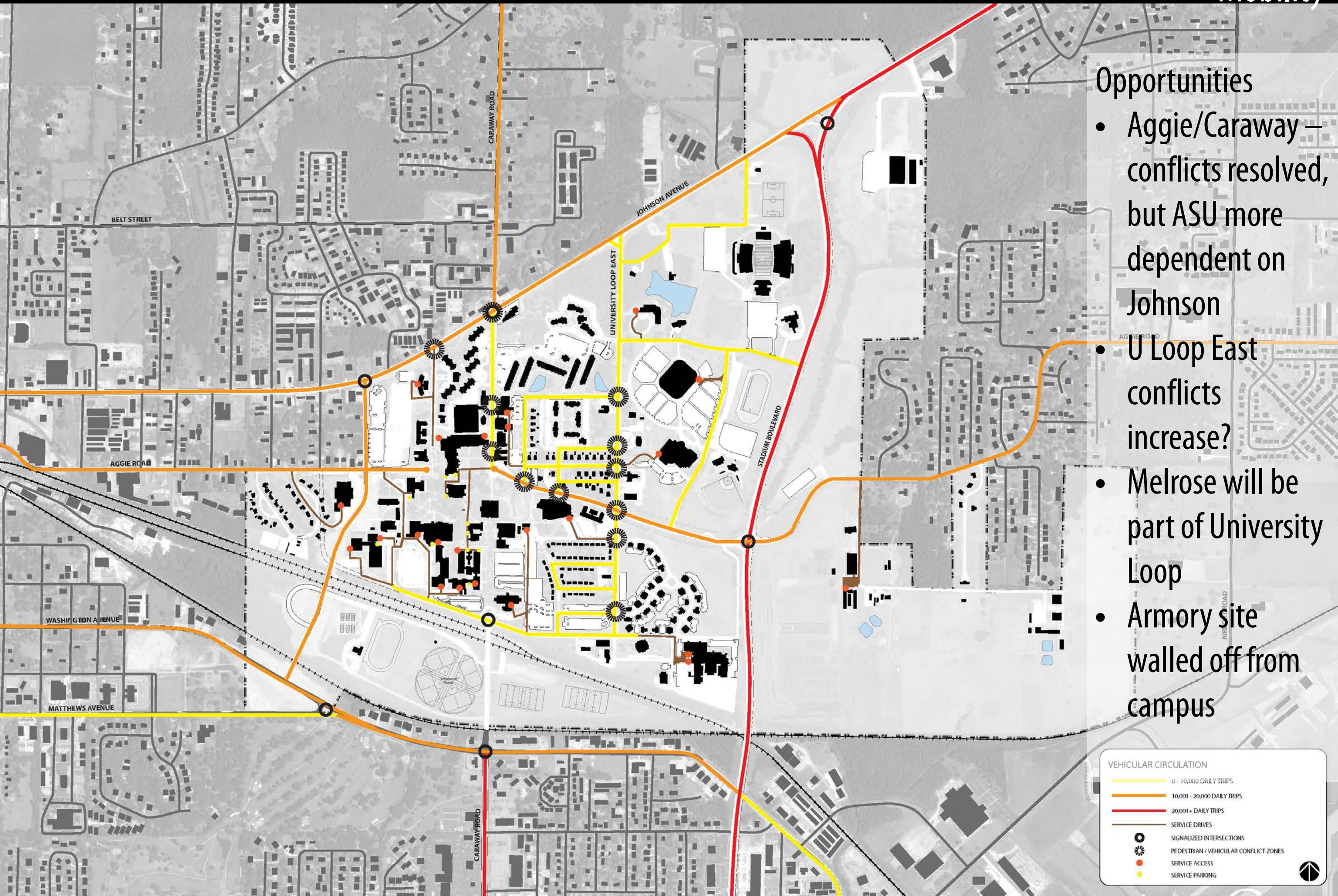
- Stadium and Johnson major barrier for pedestrians
- Johnson is part of University Loop
- Melrose will be part of University Loop
- Many veh/ped conflict points – Aggie, Caraway, U Loop East

VEHICULAR CIRCULATION

- 0 - 10,000 DAILY TRIPS
- 10,001 - 20,000 DAILY TRIPS
- 20,001+ DAILY TRIPS
- SERVICE DRIVES

CONFLICT ZONES

- SIGNALIZED INTERSECTIONS
- PEDESTRIAN / VEHICULAR CONFLICT ZONES
- SERVICE ACCESS
- SERVICE PARKING



Opportunities

- Aggie/Caraway – conflicts resolved, but ASU more dependent on Johnson
- U Loop East conflicts increase?
- Melrose will be part of University Loop
- Armory site walled off from campus

VEHICULAR CIRCULATION

- 0 - 10,000 DAILY TRIPS
- 10,001 - 20,000 DAILY TRIPS
- 20,001+ DAILY TRIPS

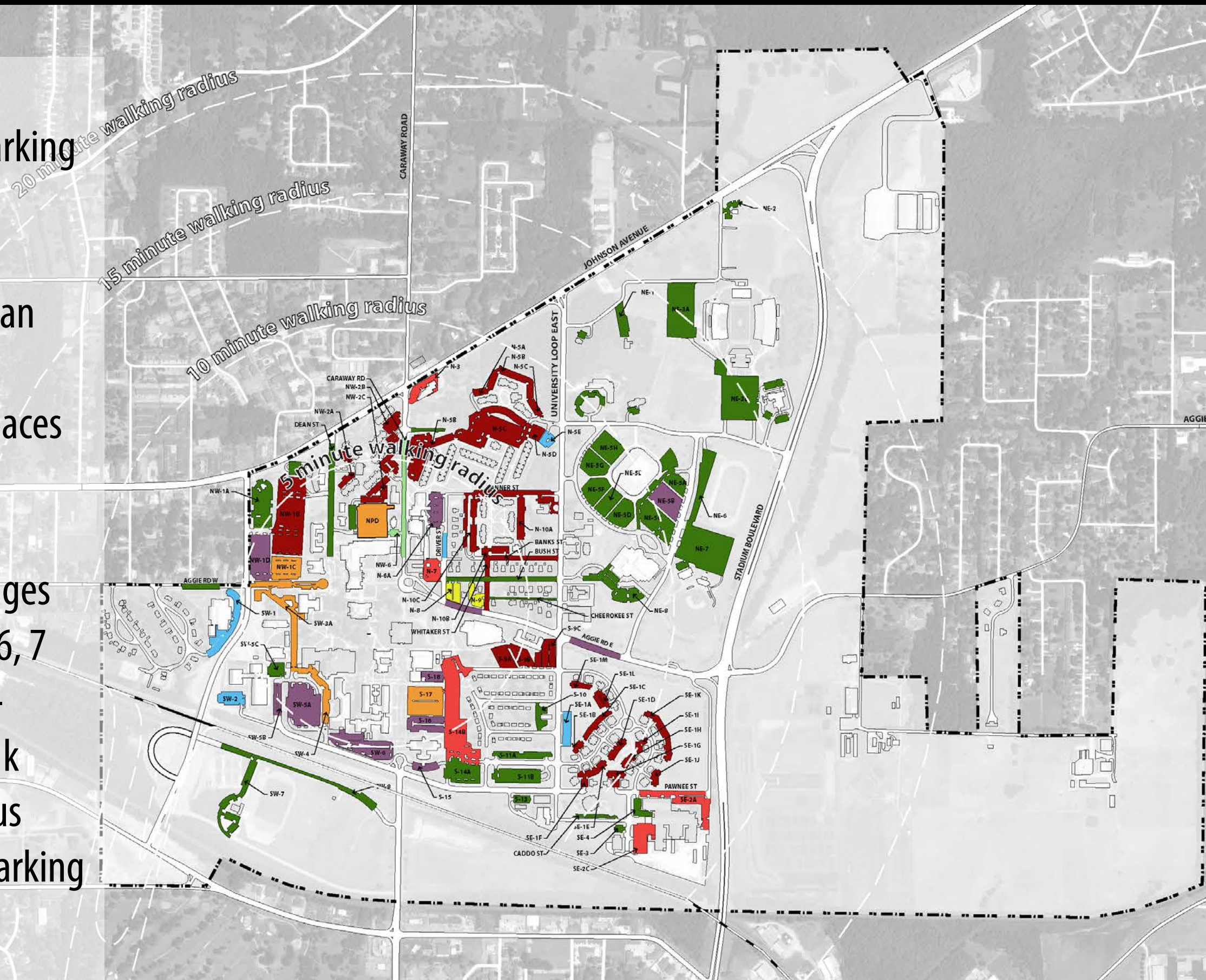
- SERVICE DRIVES
- SIGNALIZED INTERSECTIONS
- PEDESTRIAN / VEHICULAR CONFLICT ZONES
- SERVICE ACCESS
- SERVICE PARKING

Campus Site Analysis

Mobility

Assessment


- Contract parking – most convenient
- Residents can have two reserved spaces
- Commuter parking at extreme edges
- NE-1, 3, 5, 6, 7 beyond 10-minute walk
- 2.37 campus users per parking space



| EXISTING PARKING INVENTORY | | | |
|----------------------------|---------|-------------|-----------------------------|
| Name | Type | # of Floors | # of Spaces |
| NE-1 | Surface | | 43 |
| NE-2 | Surface | | 20 |
| NE-3A | Surface | | 354 |
| NE-3B | Surface | | 336 |
| NE-4 | Surface | | 47 |
| NE-5A | Surface | | 93 |
| NE-5B | Surface | | 187 |
| NE-5C | Surface | | 206 |
| NE-5D | Surface | | 124 |
| NE-6E | Surface | | 102 |
| NE-6F | Surface | | 123 |
| NE-6G | Surface | | 119 |
| NE-5H | Surface | | 146 |
| NE-6 | Surface | | 120 |
| NE-7 | Surface | | 377 |
| NE-8 | Surface | | 131 |
| SE-1A | Surface | | 46 |
| SE-1B | Surface | | 16 |
| SE-1C | Surface | | 33 |
| SE-1D | Surface | | 33 |
| SE-1E | Surface | | 31 |
| SE-1F | Surface | | 18 |
| SE-1G | Surface | | 38 |
| SE-1H | Surface | | 18 |
| SE-1I | Surface | | 18 |
| SE-1J | Surface | | 18 |
| SE-1K | Surface | | 70 |
| SE-1L | Surface | | 26 |
| SE-1M | Surface | | 23 |
| SE-2A | Surface | | 117 |
| SE-2B | Surface | | 34 |
| SE-2C | Surface | | 112 |
| SE-3 | Surface | | 22 |
| SE-4 | Surface | | 12 |
| SW-1 | Surface | | 381 |
| SW-2 | Surface | | 44 |
| SW-3A | Surface | | 127 |
| SW-4 | Surface | | 78 |
| SW-5A | Surface | | 297 |
| SW-5B | Surface | | 28 |
| SW-5C | Surface | | 39 |
| SW-6 | Surface | | 145 |
| S-7 | Surface | | 12 |
| S-9A | Surface | | 75 |
| S-9B | Surface | | 74 |
| S-9C | Surface | | 96 |
| S-10 | Surface | | 15 |
| S-11A | Surface | | 84 |
| S-11B | Surface | | 147 |
| S-12 | Surface | | 25 |
| S-13 | Surface | | 30 |
| S-14A | Surface | | 218 |
| S-14B | Surface | | 53 |
| S-15 | Surface | | 42 |
| S-16 | Surface | | 117 |
| S-17 | Surface | | 228 |
| S-18 | Surface | | 42 |
| NW-1A | Surface | | 156 |
| NW-1B | Surface | | 542 |
| NW-1C | Surface | | 114 |
| NW-1D | Surface | | 171 |
| NW-2A | Surface | | 44 |
| NW-2B | Surface | | 74 |
| NW-2C | Surface | | 196 |
| NW-6 | Surface | | 13 |
| N-3 | Surface | | 43 |
| N-4A | Surface | | 55 |
| N-4B | Surface | | 47 |
| N-4C | Surface | | 52 |
| N-5A | Surface | | 132 |
| N-5B | Surface | | 30 |
| N-5C | Surface | | 375 |
| N-5D | Surface | | 36 |
| N-5E | Surface | | 25 |
| N-6A | Surface | | 78 |
| N-7 | Surface | | 89 |
| N-8 | Surface | | 58 |
| N-9 | Surface | | 50 |
| N-10A | Surface | | 63 |
| N-10B | Surface | | 30 |
| N-10C | Surface | | 82 |
| NPD | Deck | 3 | 613 |
| BANKS ST. | Street | | 28 |
| CARAWAY RD. | Street | | 37 |
| DEAN ST. | Street | | 20 |
| DANNER ST. | Street | | 72 |
| PAWNEE ST. | Street | | 50 |
| CHEEROKEE ST. | Street | | 28 |
| AGGIE RD. E. | Street | | 61 |
| AGGIE RD. W. | Street | | 54 |
| DRIVER ST. N. | Street | | 27 |
| DRIVER ST. S. | Street | | 0 |
| WHITAKER ST. | Street | | 17 |
| BUSH ST. | Street | | 71 |
| TOTAL | | | 9248 |
| PARKING RATIO | | | 2.37 PERSONS / SPACE |

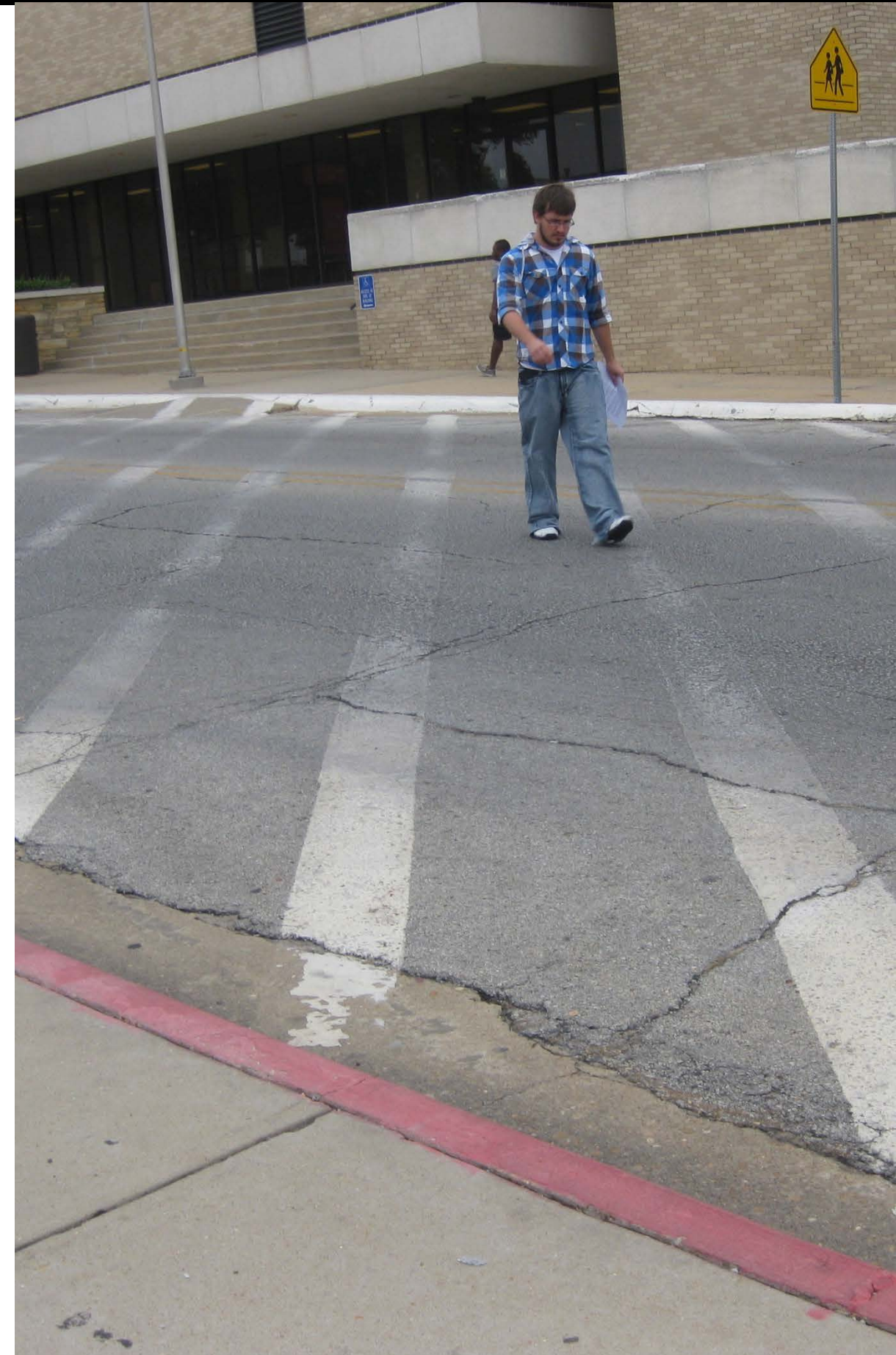
PARKING LOT PREDOMINANT USES

| | | |
|-----------------|------------------|------------------|
| FACULTY / STAFF | MOTORCYCLES | STAFF / EMPLOYEE |
| VISITOR | SERVICE | COMMUTER |
| CONTRACT | CAMPUS RESIDENTS | |



Campus Population to Parking Space

| | |
|--|-----------------|
| • University of Wisconsin – Milwaukee | 13 to 1 |
| • Boston College | 9.2 to 1 |
| • Portland State University | 6.0 to 1 |
| • University of California – Berkeley | 5.8 to 1 |
| • Carnegie Mellon University | 4.2 to 1 |
| • University of Chicago | 4.1 to 1 |
| • Old Dominion University | 3.6 to 1 |
| • University of Vermont | 3.2 to 1 |
| • National Average | 2.8 to 1 |
| • University of Toledo | 2.8 to 1 |
| • University of North Carolina | 2.7 to 1 |
| • Smith College | 2.5 to 1 |
| • Cornell University | 2.5 to 1 |
| • Arkansas State University | 2.4 to 1 |
| • Miami University | 2.3 to 1 |
| • Indiana University Bloomington | 2.2 to 1 |
| • Sam Houston State University | 2.2 to 1 |
| • University of California – San Diego | 2.2 to 1 |
| • University of Texas Arlington | 2.0 to 1 |
| • Oklahoma State University | 1.9 to 1 |



- Opportunities
- Better connect, utilize Convocation and stadium lots
 - Between tracks – no longer safe parking for commuters; assume all users drive?
 - What is campus resident's need for daily access to car?

20 minute walking radius

15 minute walking radius

10 minute walking radius


5 minute walking radius



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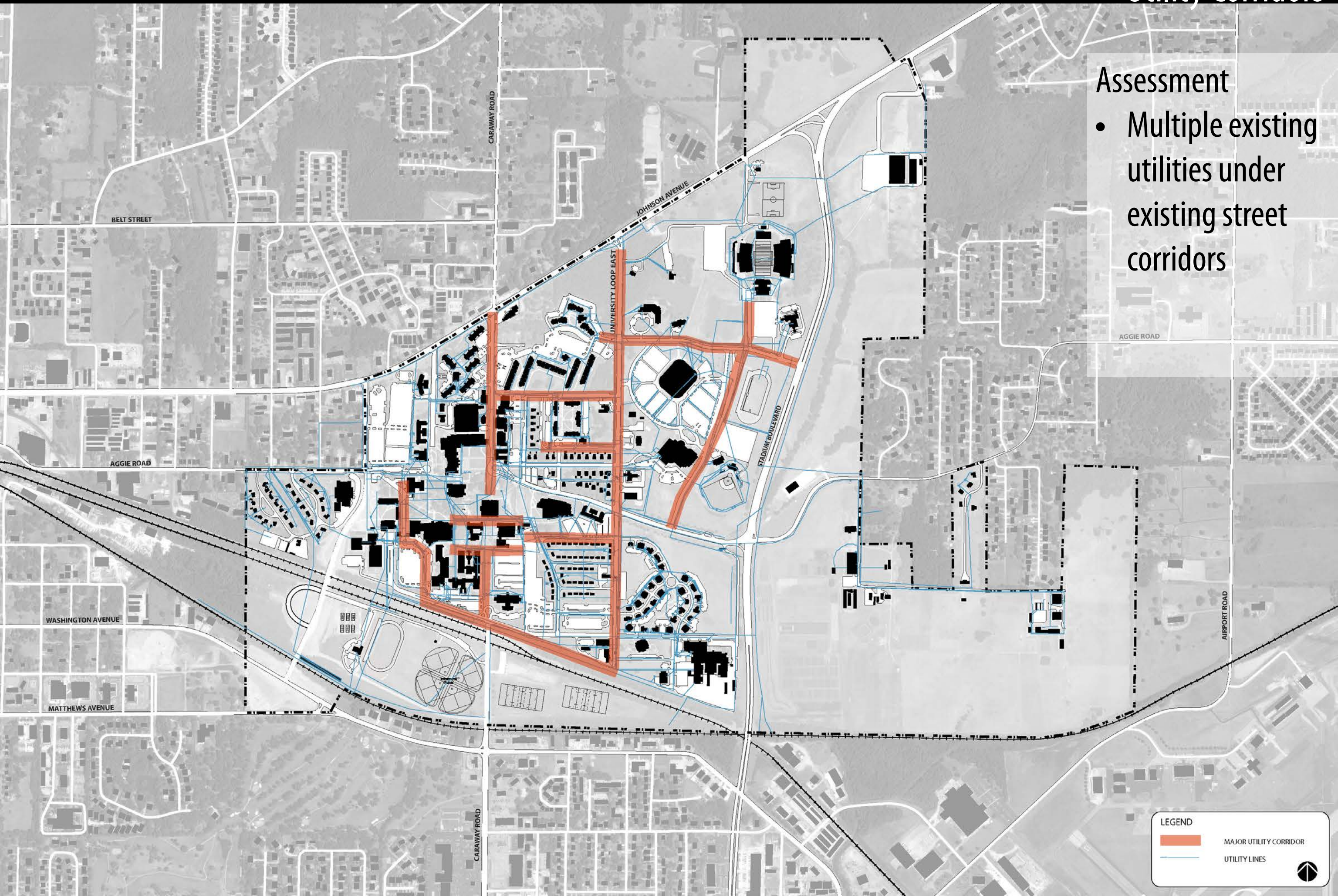
PARKING LOT PREDOMINANT USES

| | | |
|-----------------|------------------|------------------|
| FACULTY / STAFF | MOTORCYCLES | STAFF / EMPLOYEE |
| VISITOR | SERVICE | COMMUTER |
| CONTRACT | CAMPUS RESIDENTS | |



Campus Site Analysis

Utility Corridors



Assessment

- Multiple existing utilities under existing street corridors

LEGEND

| | |
|---|------------------------|
|  | MAJOR UTILITY CORRIDOR |
|  | UTILITY LINES |

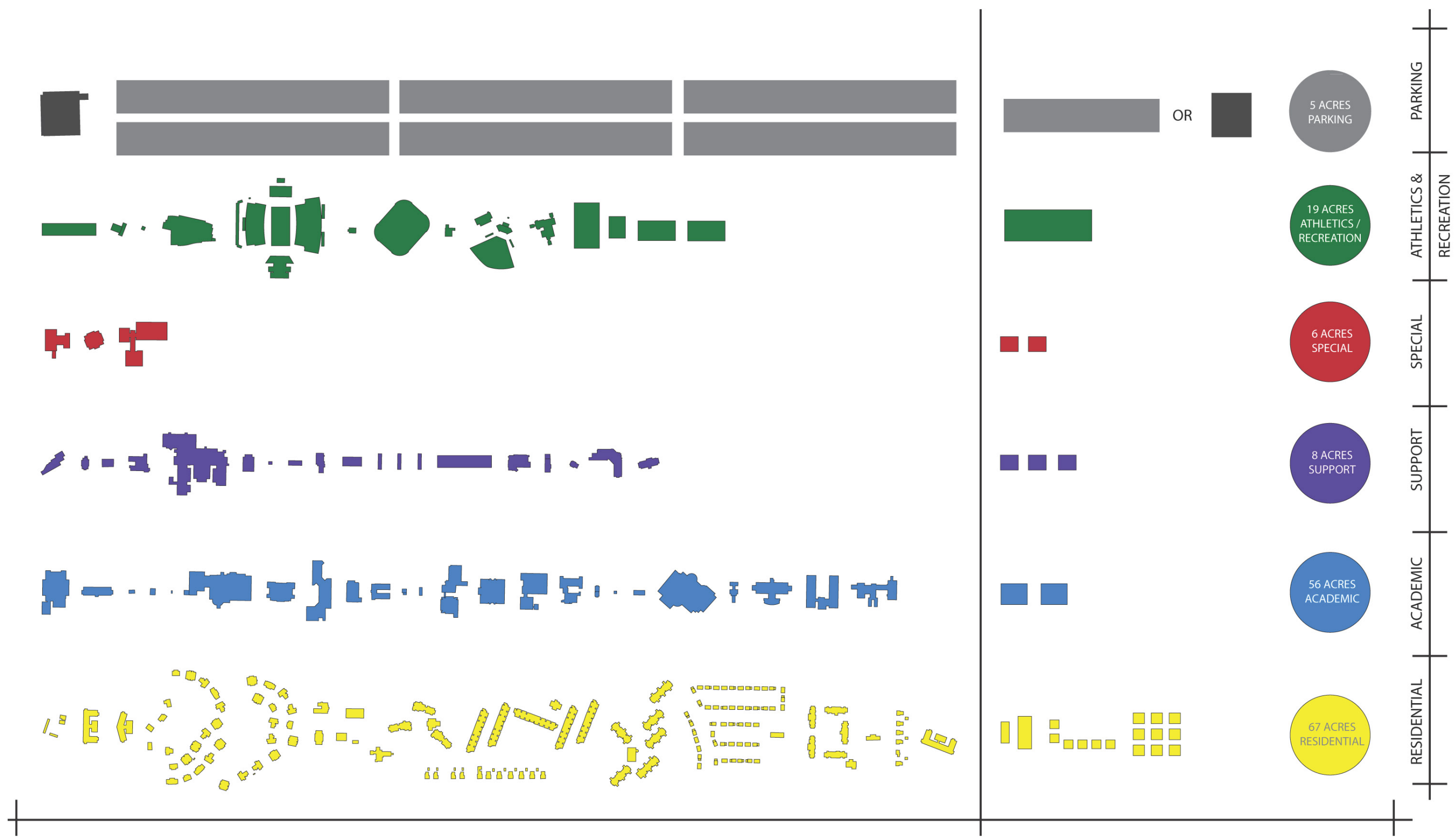




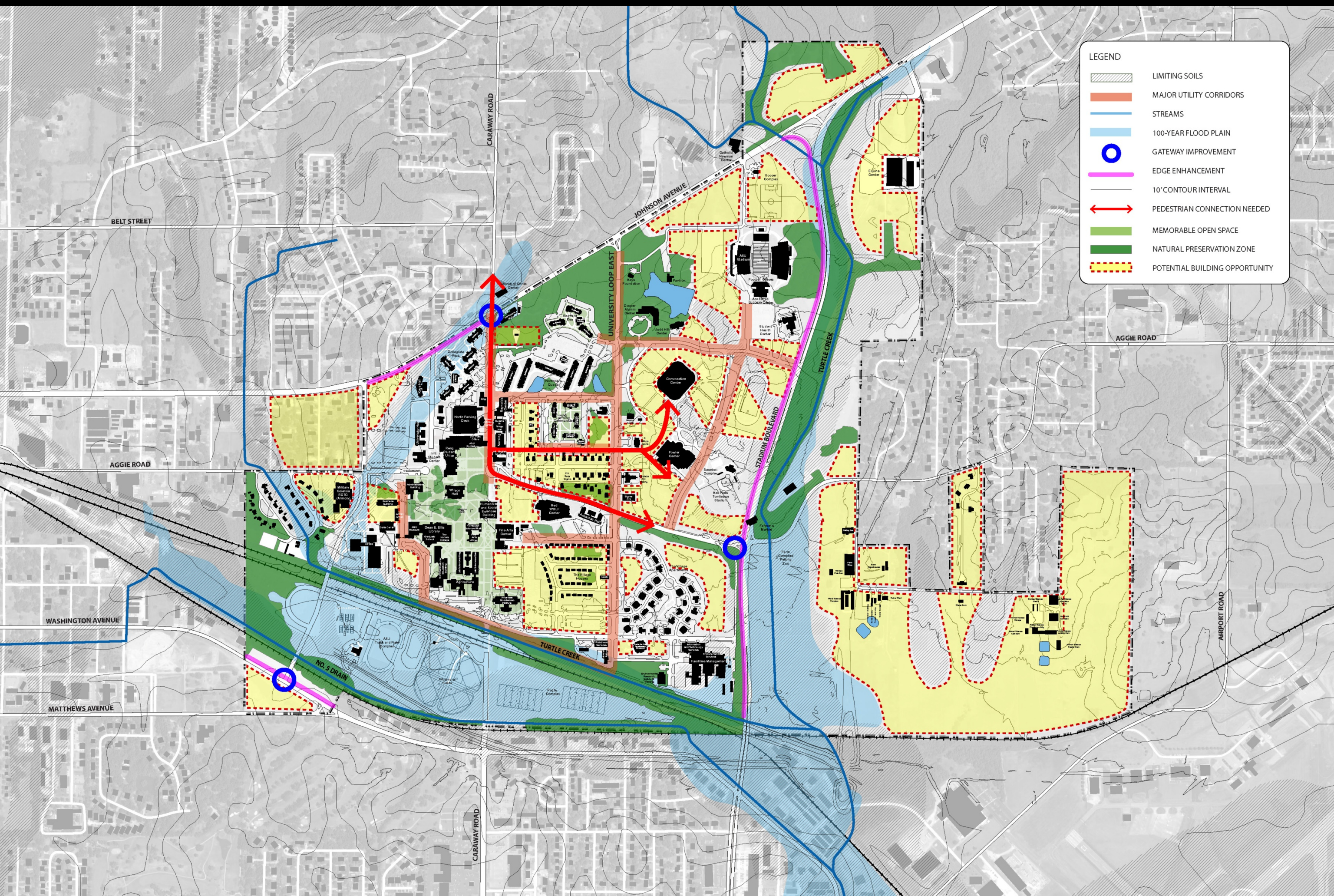
Framework Plan

Framework Plan

Building Blocks



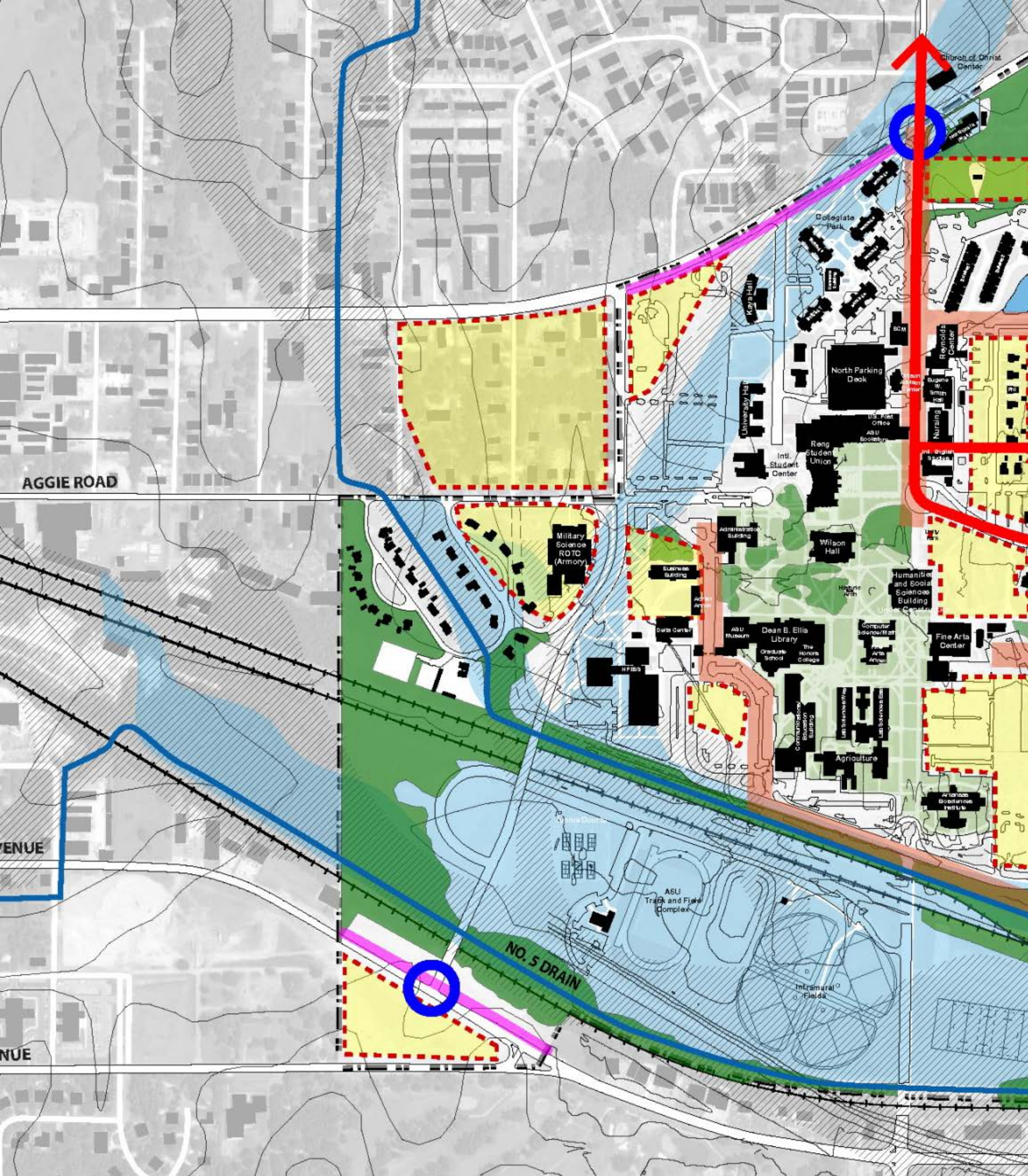
Framework Plan



LEGEND

- LIMITING SOILS
- MAJOR UTILITY CORRIDORS
- STREAMS
- 100-YEAR FLOOD PLAIN
- GATEWAY IMPROVEMENT
- EDGE ENHANCEMENT
- 10' CONTOUR INTERVAL
- PEDESTRIAN CONNECTION NEEDED
- MEMORABLE OPEN SPACE
- NATURAL PRESERVATION ZONE
- POTENTIAL BUILDING OPPORTUNITY

Framework Plan West and Academic Core



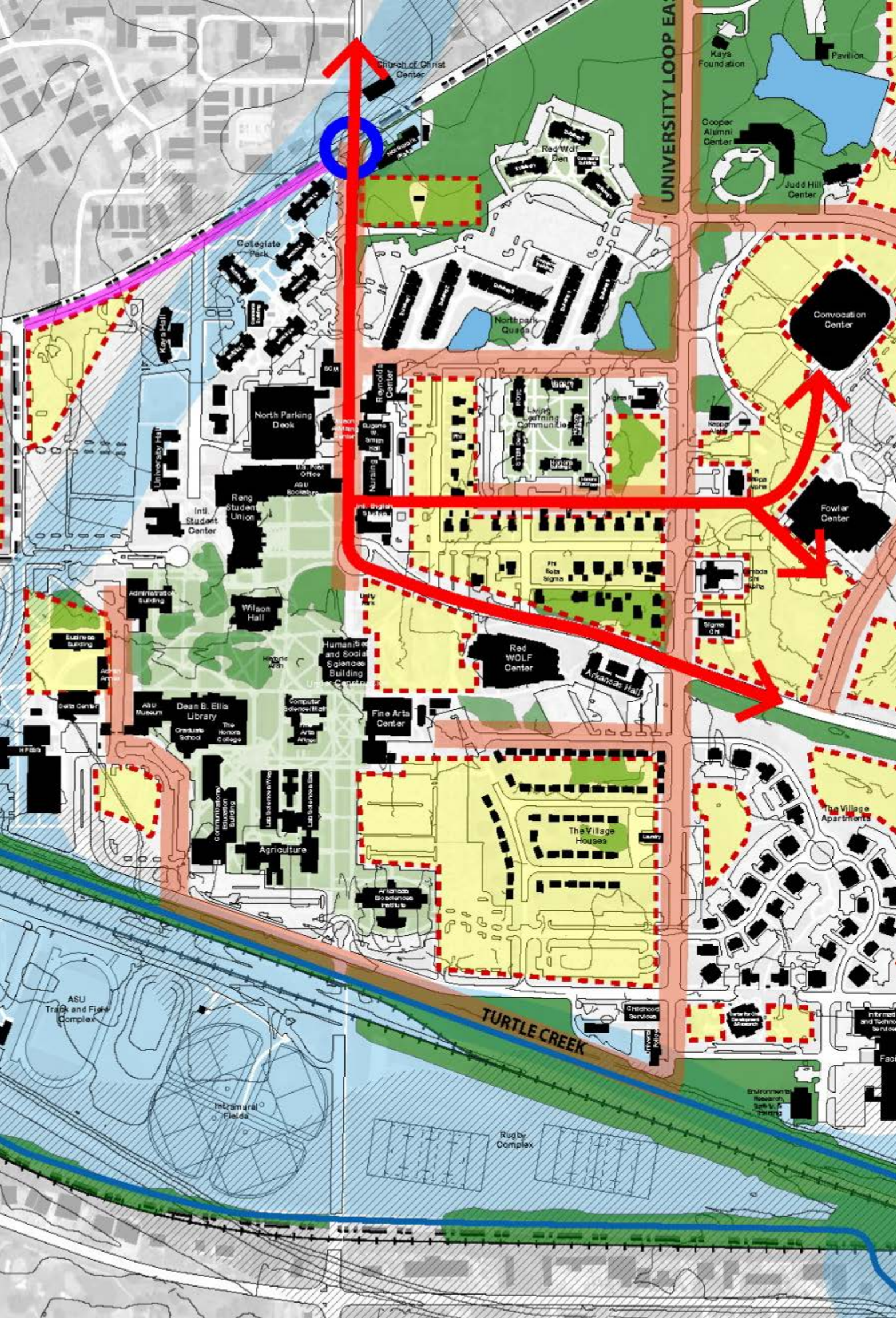
| LEGEND | |
|--------|--------------------------------|
| | LIMITING SOILS |
| | MAJOR UTILITY CORRIDORS |
| | STREAMS |
| | 100-YEAR FLOOD PLAIN |
| | GATEWAY IMPROVEMENT |
| | EDGE ENHANCEMENT |
| | 10' CONTOUR INTERVAL |
| | PEDESTRIAN CONNECTION NEEDED |
| | MEMORABLE OPEN SPACE |
| | NATURAL PRESERVATION ZONE |
| | POTENTIAL BUILDING OPPORTUNITY |

Opportunities

- West end of east-west academic quad
- Matthews gateway development
- New U Loop West and western expansion of campus

Framework Plan

East Residential



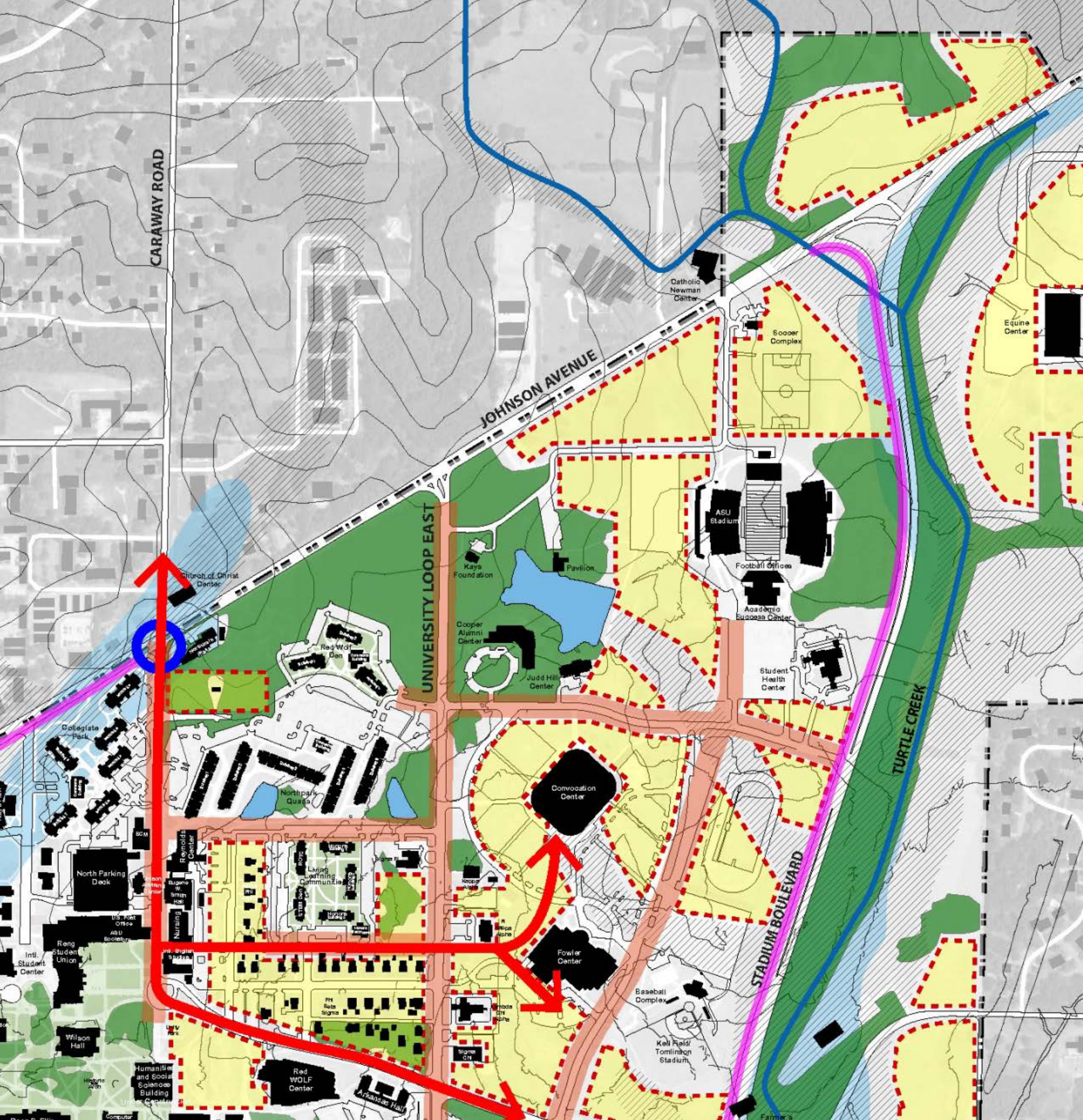
| LEGEND | |
|--------|--------------------------------|
| | LIMITING SOILS |
| | MAJOR UTILITY CORRIDORS |
| | STREAMS |
| | 100-YEAR FLOOD PLAIN |
| | GATEWAY IMPROVEMENT |
| | EDGE ENHANCEMENT |
| | 10' CONTOUR INTERVAL |
| | PEDESTRIAN CONNECTION NEEDED |
| | MEMORABLE OPEN SPACE |
| | NATURAL PRESERVATION ZONE |
| | POTENTIAL BUILDING OPPORTUNITY |

Opportunities

- Re-imagine Aggie Road and Caraway
- Improve pedestrian flow and safety
- Significant redevelopment areas

Framework Plan

Athletics



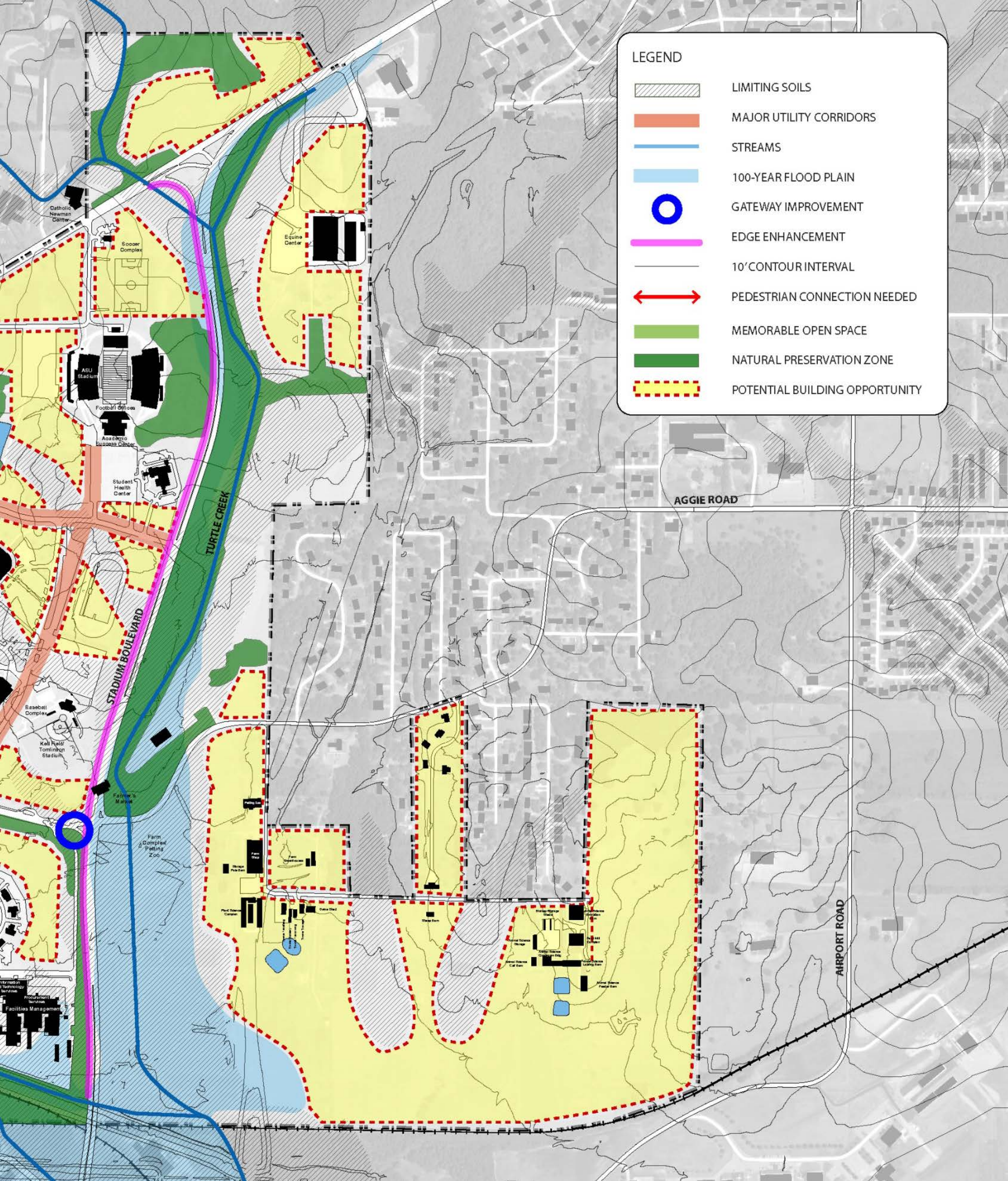
| LEGEND | |
|--------|--------------------------------|
| | LIMITING SOILS |
| | MAJOR UTILITY CORRIDORS |
| | STREAMS |
| | 100-YEAR FLOOD PLAIN |
| | GATEWAY IMPROVEMENT |
| | EDGE ENHANCEMENT |
| | 10' CONTOUR INTERVAL |
| | PEDESTRIAN CONNECTION NEEDED |
| | MEMORABLE OPEN SPACE |
| | NATURAL PRESERVATION ZONE |
| | POTENTIAL BUILDING OPPORTUNITY |

Opportunities

- Expand ath/rec facilities and improve game day experience
- Better utilize lake
- Improve Stadium edge and corner
- Should ASU cross Johnson?

Framework Plan

Farm



Opportunities

- What is the future of ASU agriculture education and research?
- What is the future of the ASU farm?



Next Steps

- **Campus Master Plan Alternatives**
 - January 31 - February 1, 2012
 - Mtgs with Executive Committee, Campus and Community Advisory Group
 - Campus and Community Open Houses
- **Draft Preliminary Master Plan**
 - March 2012

