

Midwestern State University



Board of Regents Workshop January 10th 2014



BOR WORKSHOP AGENDA

- 1. BOR REVIEW WHAT WE PRESENTED IN NOVEMBER
- 2. OBSERVATIONS
- 3. STUDENT LIFE
- 4. LANDSCAPING
- 5. BENCHMARKING & SPACE PROJECTIONS
- 6. ACADEMIC IMPLEMENTATION OPTIONS
- 7. ATHLETIC PLANNING
- 8. CONSTRUCTION TIMELINE DR. FOWLE

UNIVERSITY PLANNING – PRESIDENT ROGERS

• LOCAL ADMINISTRATIVE RETREAT

- Reviewed Strategic Plan framework and university needs
- Determined priorities
- PRIMARY GOALS
 - Tuition Revenue Bond (TRB) request Legislative Appropriations Request (LAR) – submission due July 2014 for January 2015 Session
 - Housing/Dining/Greek Life
 - Baseball Field Location
- SECONDARY GOALS
 - Athletic Master plan (fields, facilities & coaches' offices)
 - Library: Consolidation/Re-Purposed Uses
 - Christ Academy: Potential Uses
 - Police Department & Vehicles: Location
 - Parking: Consolidation/Redistribution/Parking Garage?
 - Landscape and campus beautification
 - May lead to a comprehensive master plan effort



WHY DO A CAMPUS MASTER PLAN?



WHY DO A CAMPUS MASTER PLAN? - DR. FOWLÉ

- Plan for growth so every dollar spent supports the institution's mission
- Integrate near term needs with long term vision
- Allow for growth in an efficient & attractive manner
- Be a good neighbor and community contributor
- Raise our aspirations
- Attract and retain the best & brightest:

faculty, staff & students, etc.

- Create awareness, generate support, and raise funds
- Chart an implementation path



INITIAL OBSERVATIONS

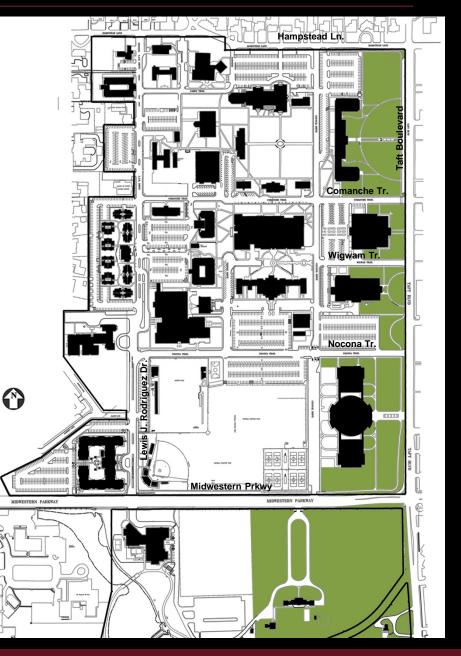


ARRIVAL SEQUENCE:

Image of the Campus

- 1. What a wonderful campus with huge potential
- 2. Amazing arrival sequence to campus
- 3. "Front Lawn"



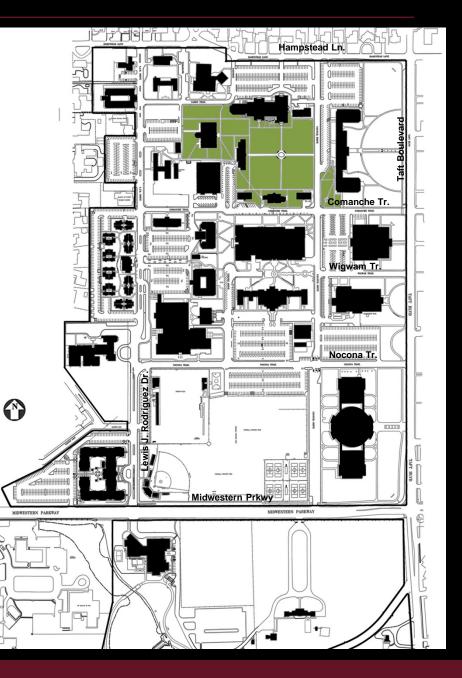


HISTORIC CORE

Campus Quadrangle

- 1. Only Quad / Open Space
- 2. Needs edge definition with landscaping
- Overall additional landscaping is needed to better connect open space network

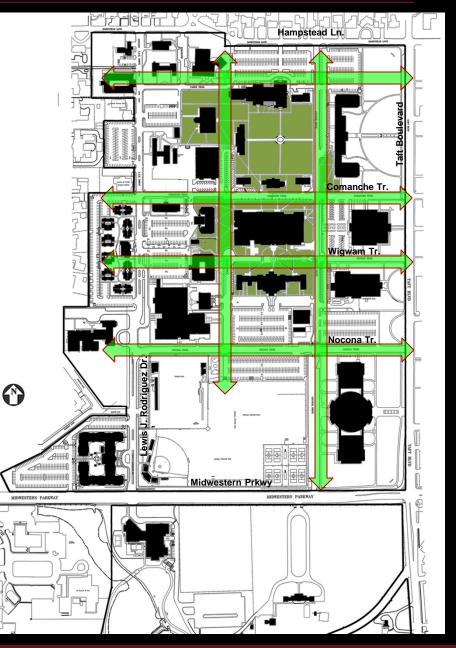




CONNECTING THE CAMPUS

- 1. Campus Grid allows for "smart campus growth" for long range maximum potential of land-use
- 2. Pedestrian Open Space Connections





CAMPUS ORGANIZATION

Building / Area Land Uses:

Academic

Residential / Student Life

Athletic & Recreation





Benchmarking

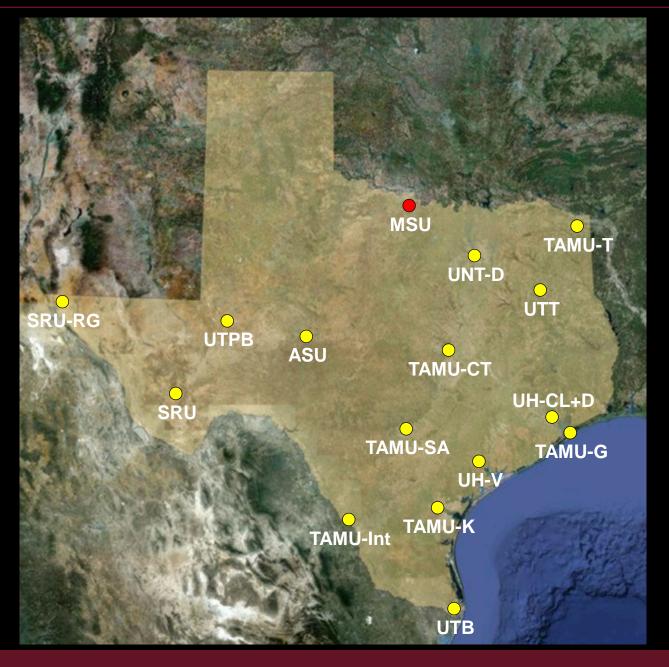


WHY DO IT?

Peer Benchmarking:

- Who does MSU compare best with, based on future projections?
- How does MSU provide space to better compare with institutions it competes for students.
- Who does each MSU college compare with or should compare with?
- How does each MSU college provide, or should provide, space to better compare with other colleges it competes for students.

PEER GROUP (based on the THECB)





ADDITIONAL OBSERVATIONS



GREAT JOB BUILDING AN AMAZING CAMPUS!!



BEAUTIFUL CAMPUS – ARCHITECTURE



BEAUTIFUL CAMPUS – ARCHITECTURE



BEAUTIFUL CAMPUS – ARCHITECTURE











KIT OF PARTS

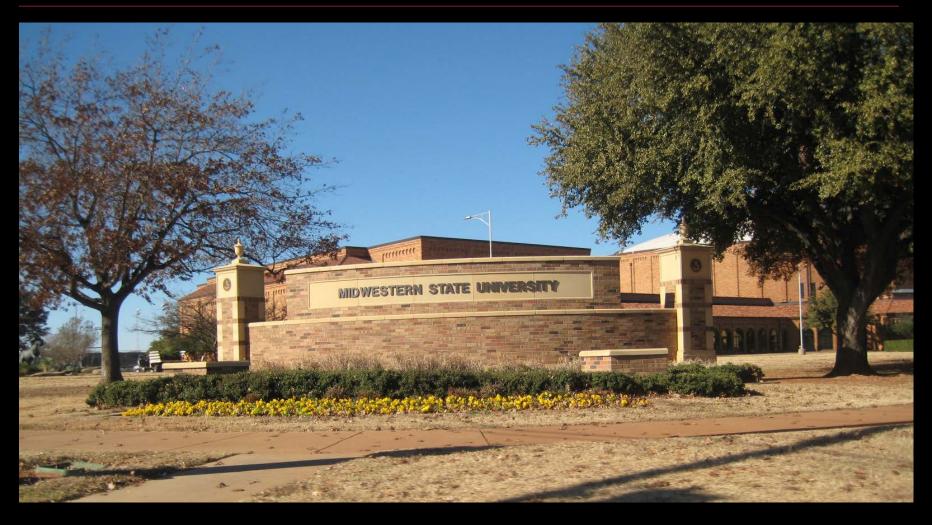
BEAUTIFUL CAMPUS – LANDSCAPE





QUAD & COURTS

BEAUTIFUL CAMPUS – LANDSCAPE



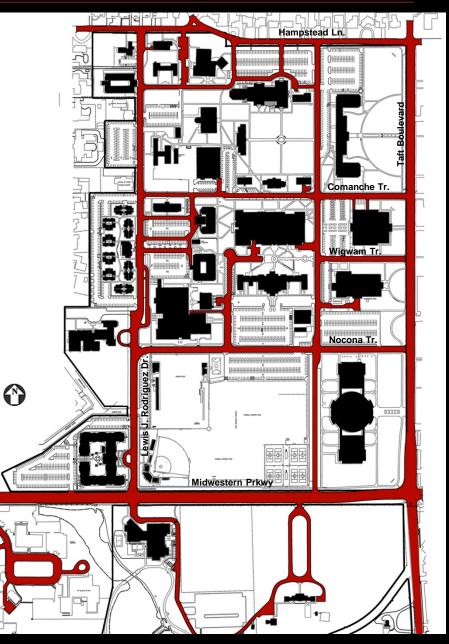
GATEWAYS

NOW TO LOOK AT WHAT NEEDS SOME ATTENTION



VEHICULAR ACCESS – FRACTURES CAMPUS CORE

- 1. Vehicular access throughout campus is the largest issue of the campus structure.
 - 1. Vehicular Access & Parking
 - 2. Cars Vs Pedestrians
 - 3. Service & Loading Demands
- 2. Transportation:
 - 1. Arrival Sequence
 - 2. Vehicular Access to Parking
 - 3. Cars Vs Pedestrians
 - 4. Service & Loading Demands



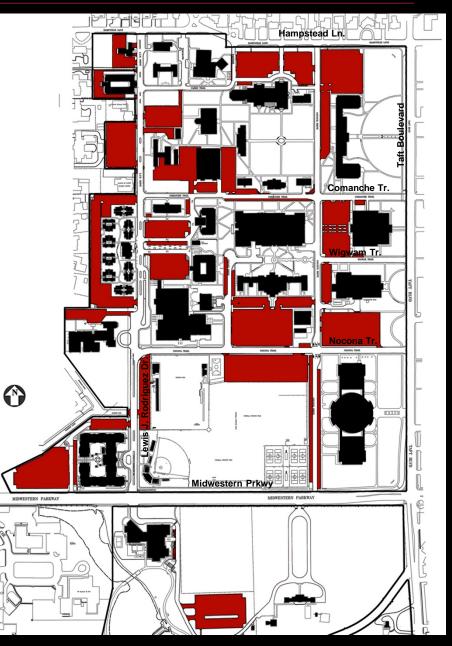
PARKING DISCONNECTS PEDESTRIAN PATHWAYS

Parking:

- 3,088 Parking Spaces Today
- All Surface Lots

How much space do our parking lots taking up in the core of our campus





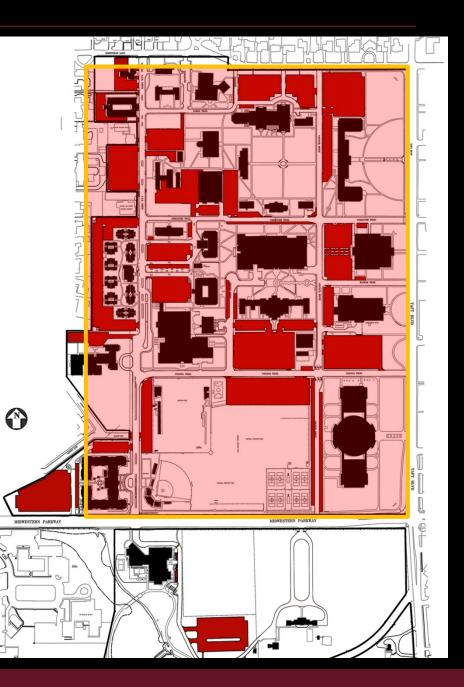
SURFACE PARKING

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CORE CAMPUS = 112 ACRES



SURFACE PARKING

Parking:

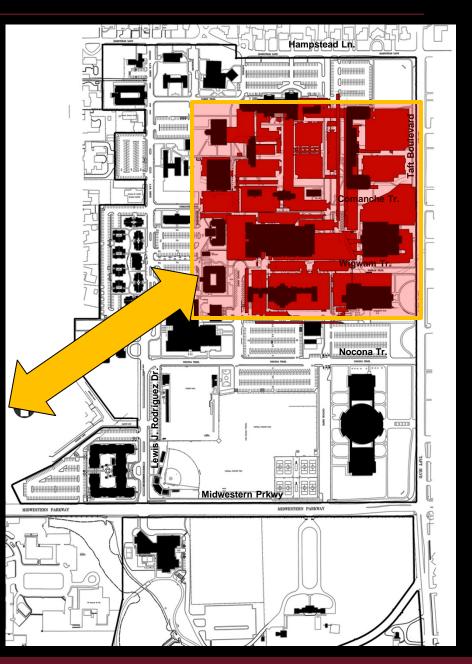
- 3,088 Parking Spaces Today
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How much space do our parking lots taking up in the core of our campus

CORE CAMPUS = 112 ACRES

APPROXIMATELY 22.7 ACRES!

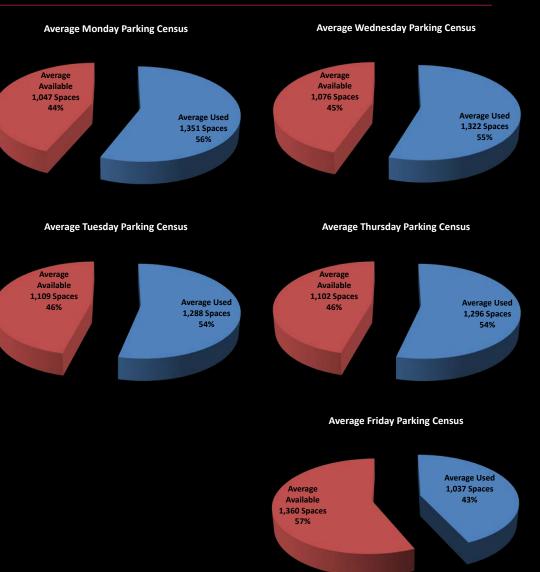
HOW MUCH IS AN ACRE OF LAND WORTH IN TODAY'S MARKET?



PARKING ANALYSIS – SPRING 2012

REPORT CONCLUSION

- 1. Problem is Perceived:
- Plenty of parking in other areas of campus but seems "too far" to walk
- South campus lot is always empty
- 4. During peak times parking is more difficult
- 5. This only occurs on Wed & Thurs from 12:30 – 2:00: 88%





STUDENT LIFE PROJECTS

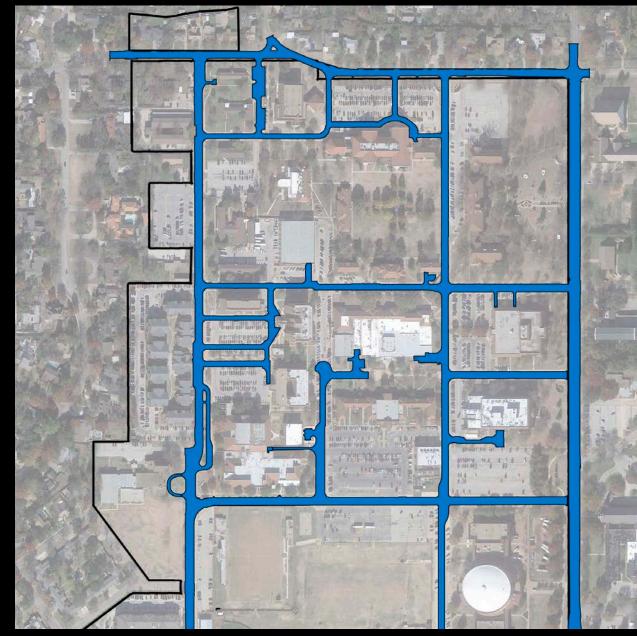


CAMPUS STREETS

Old street grid still exists

Provides good vehicular access throughout campus for parking, service and loading

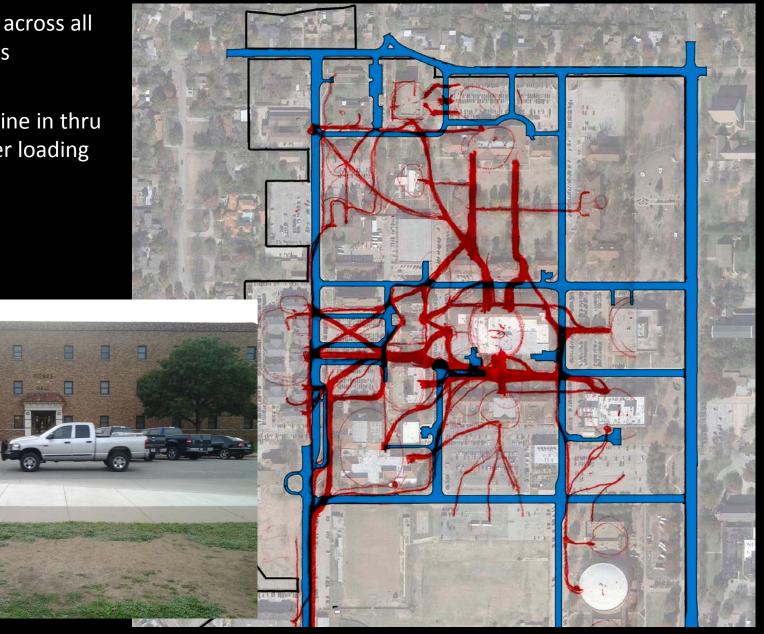
BUT....



PEDESTRIANS / VEHICLE CONFLICT AREAS

Students Cross across all parts of campus

Biggest desire line in thru the Clark Center loading dock



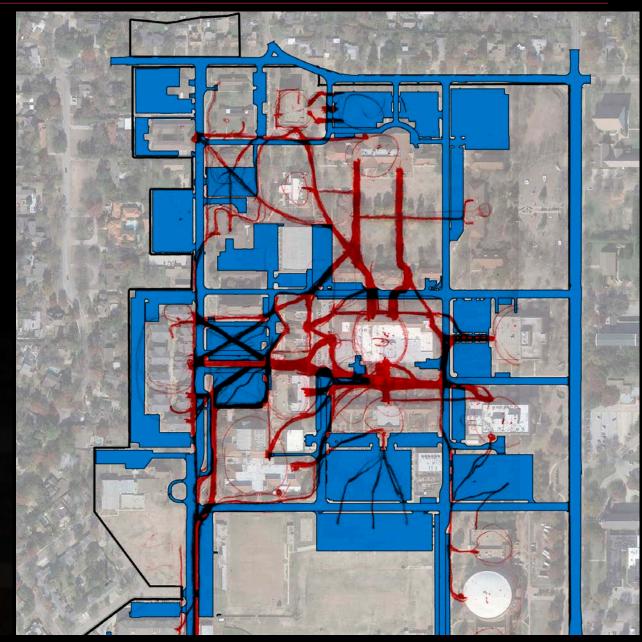
PEDESTRIANS / VEHICLE CONFLICT AREAS

Students Cross across all parts of campus

Biggest desire line in thru the Clark Center loading dock

Parking lot locations just exacerbate the pedestrian & vehicular conflicts







STARTING AT SUNWATCHER VILLAGE

VIEW TO HARDIN HALL TOWER BETWEEN MCCULLOUGH TRIGG & KILLINGSWORTH

BETWEEN MCCULLOUGH TRIGG & KILLINGSWORTH

81

← NO PARKING →

BETWEEN MCCULLOUGH TRIGG & KILLINGSWORTH

TURN THE CORNER AND THE TOWER IS VISIBLE



STARTING FROM THE MOFFETT LIBRARY

WESTERN STATE UNIVERS

Moffett Library



CROSS COUNCIL DRIVE

THRU SUNWATCHER PLAZA

THRU CLARK LOADING DOCK



VIEW BETWEEN KILLINGSWORTH & CLARK

VIEW BETWEEN KILLINGSWORTH & CLARK

THRU BETWEEN PIERCE & KILLINGSWORTH

TO SUNWATCHER VILLAGE

ALE A

CAMPUS OPEN SPACES

The North Historic Quad west of Hardin Hall is the only true Quadrangle on the MSU Campus

Spaces like this are what makes the great "American Campus" and attract Students and Faculty alike.



How do we take the most beautiful parts of the campus and export those to west and south campus





We need to change several things:

- 1. Remove smaller parking lots from those areas that directly impact pedestrian pathways
- 2. Design Service drives to look and feel like a wide pedestrian sidewalk



We need to change several things:

- Remove smaller parking lots from those areas that directly impact pedestrian pathways
- 2. Design Service access to look and feel like a wide pedestrian sidewalk
- 3. Be willing to close several streets and create pedestrian malls still allowing for service access where needed.
- 4. Re-think parking strategies & policies



We want to create a beautiful campus that is pedestrian friendly yet provides the necessary access to a working university.

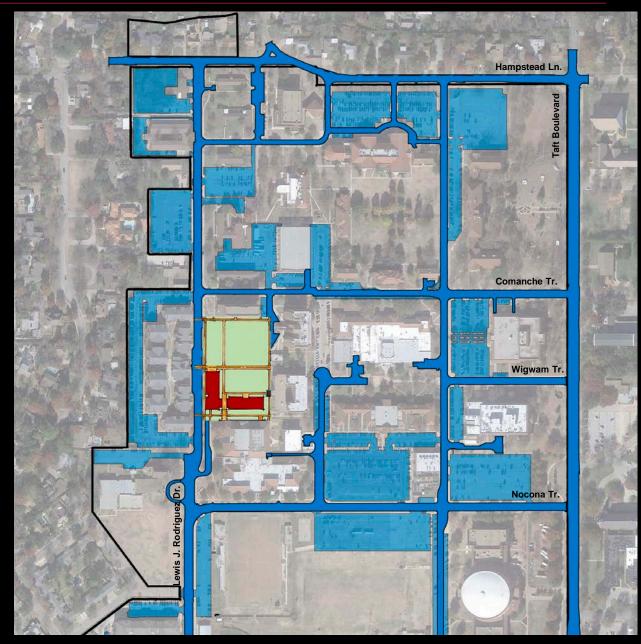


STUDENT HOUSING SITE OPTIONS

Potential site for Phase 1 housing is in parking lot next to Pierce / Killingsworth

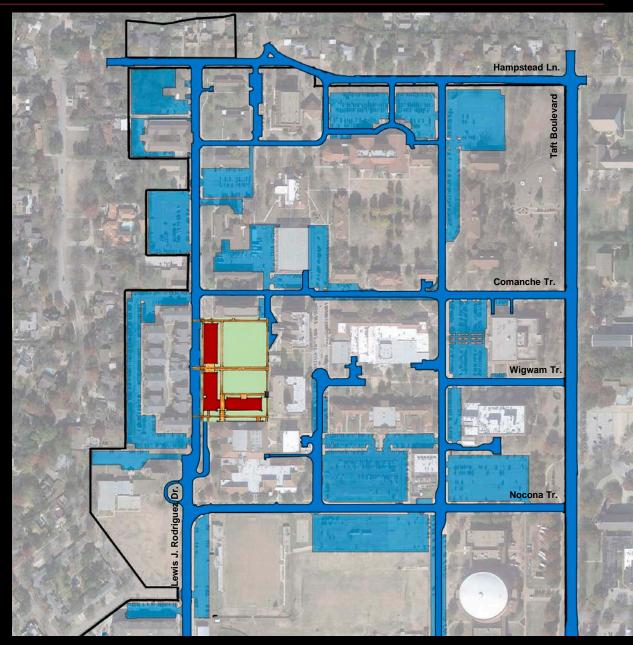
Phase 1 = 360 Beds 6 Stories Tall (height of Killingsworth)

This will have immediate impacts on pedestrian circulation thru parking and provide two large open spaces and one very large quad



STUDENT HOUSING SITE OPTIONS

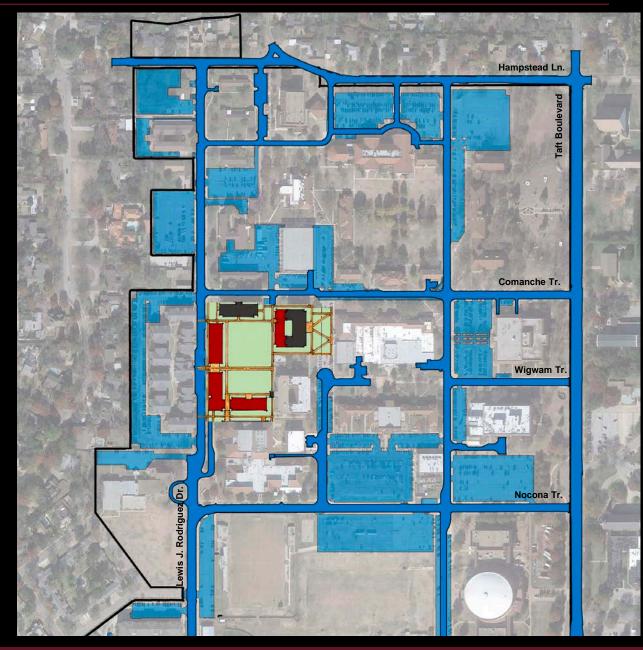
Phase 2 = 180 Beds 6 Stories Tall



STUDENT HOUSING – 640 BEDS BY 2017

Possible Option: Enclose Killingsworth

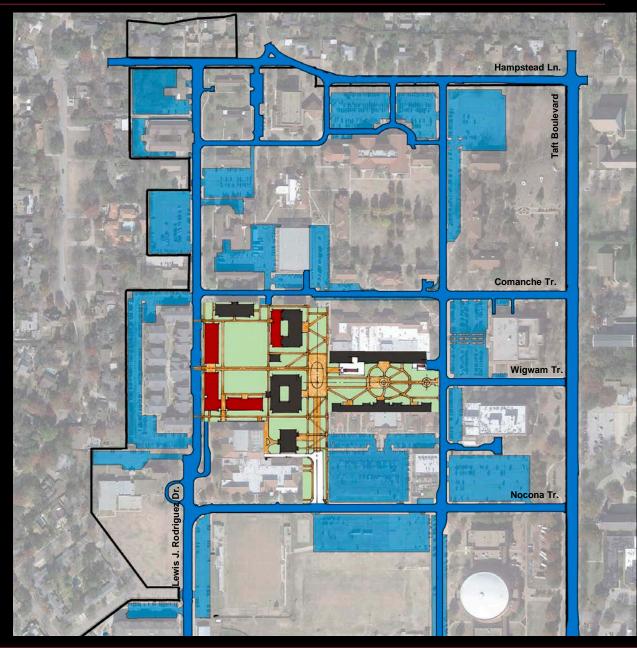
Phase 3 = 100 Beds 6 Stories Tall



CLARK SERVICE ZONE REDESIGNED

Remove parking from east side of Pierce

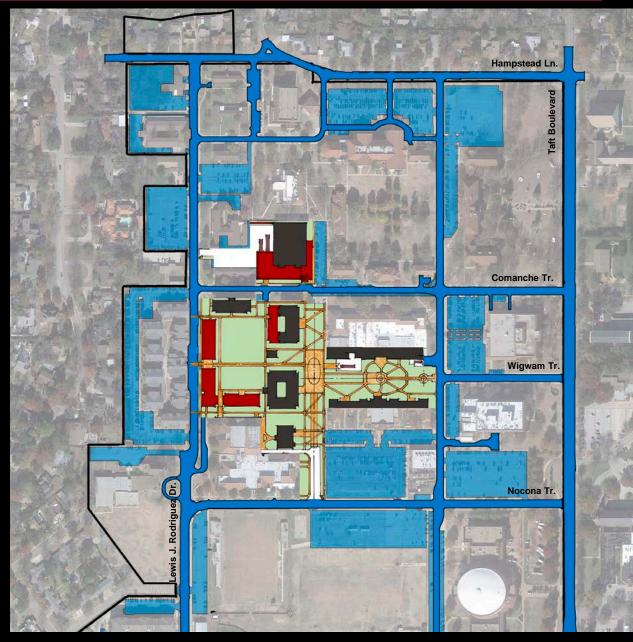
Design service zone as pedestrian plaza



DANIEL BUILDING - NEW STUDENT UNION

Phase 1 adds a 2 story addition to south and east portion of building

New service access is from Rodriguez Drive

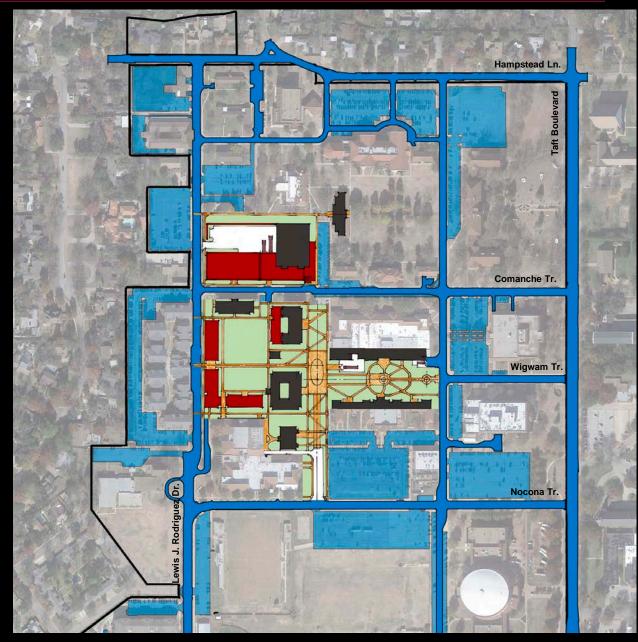


DANIEL BUILDING - NEW STUDENT UNION

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New service access is from Rodriguez Drive

Expansion of Union could expand west



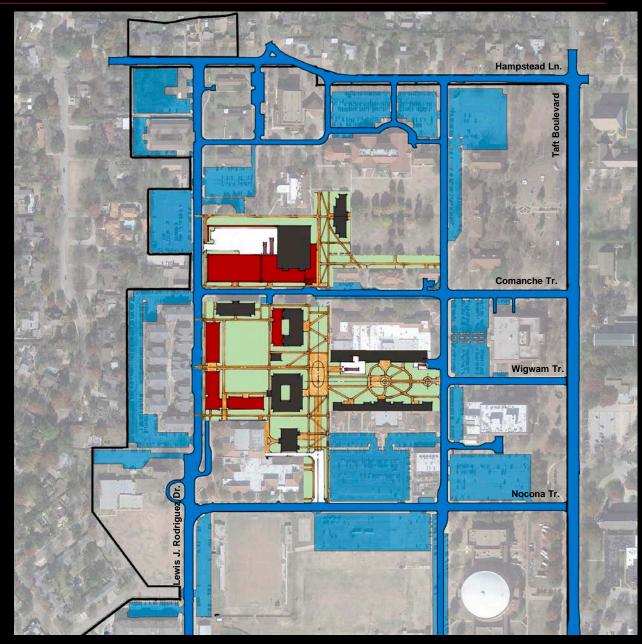
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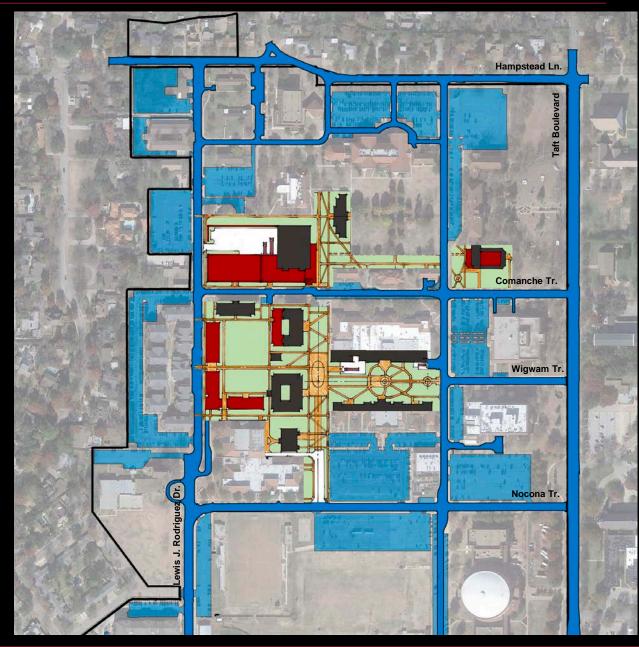
Ideally we would remove parking from east side of Daniel to create a better pedestrian connection from main quad



HARDIN HISTORIC GYM: WELCOME CENTER

One Idea is to convert the south wing of Hardin into a new Welcome Center and Admissions Office

Campus Tours would begin here



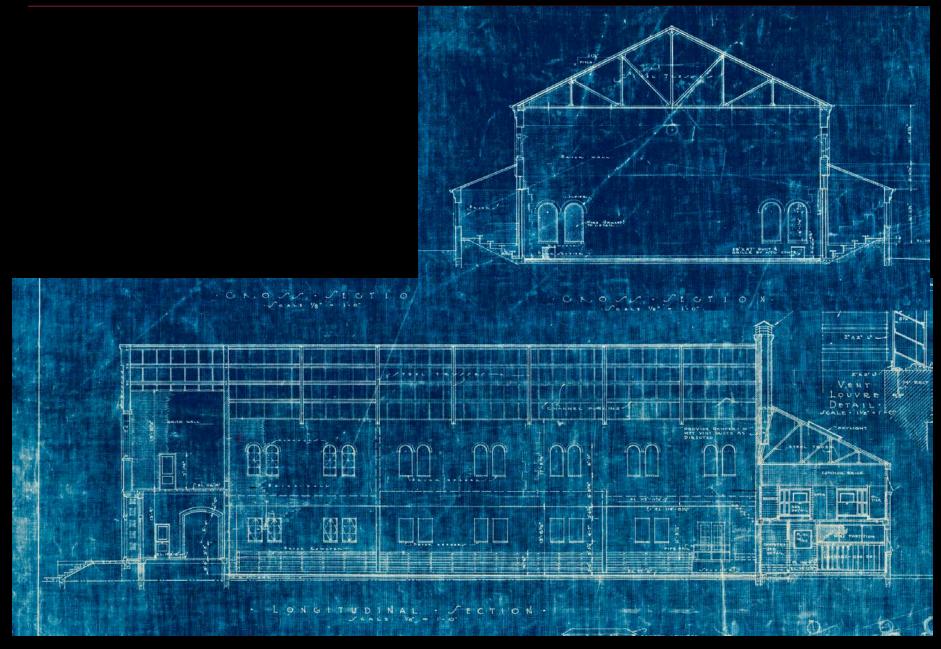
HARDIN GYM – 1960'S



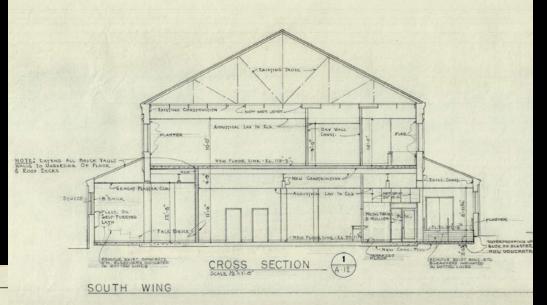
HARDIN GYM – 1960'S

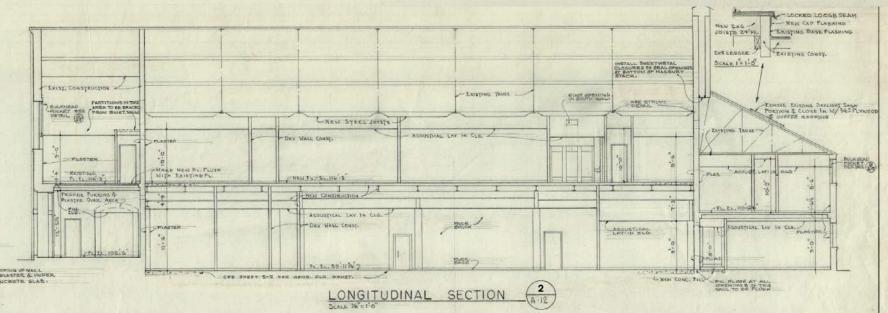


HARDIN GYM – 1936 ORIGINAL DRAWINGS



HARDIN GYM – 1969 RENOVATIONS





HARDIN GYM – RAFTERS TODAY





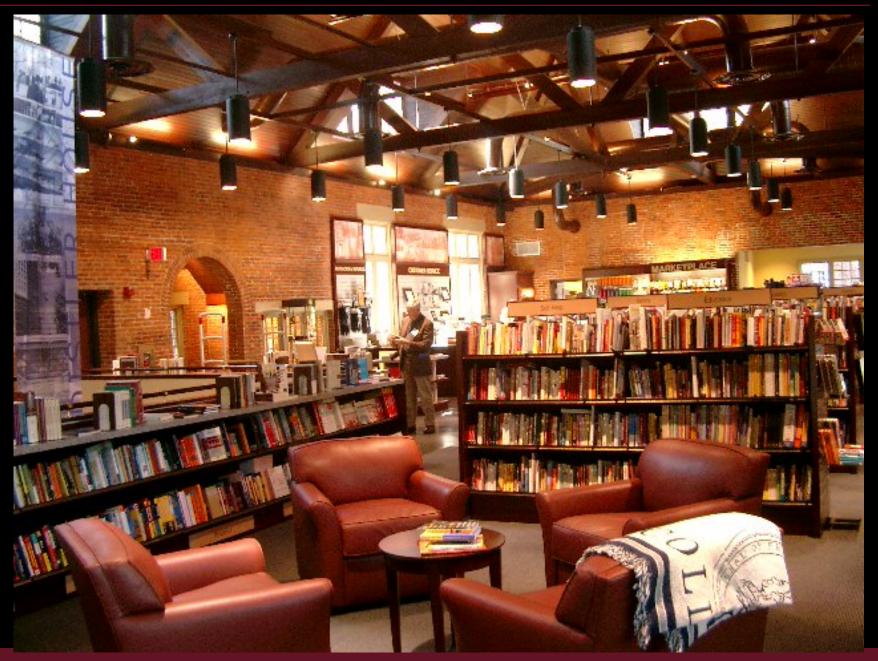


AKIN AUDITORIUM – STRUCTURE COVERED WITH WOOD



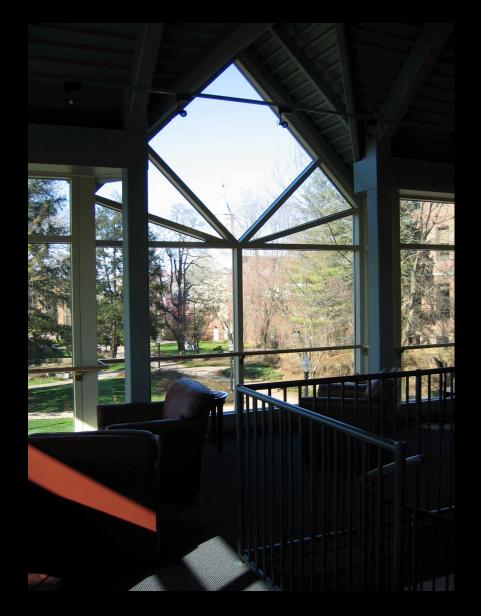












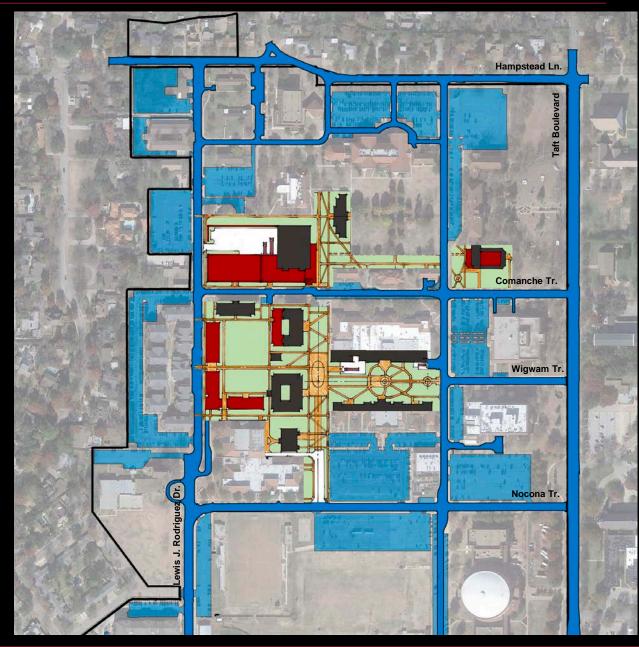




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HARDIN HALL - CONNECT TO QUAD

Hardin Hall is one of most beautiful building on this campus....

Walk out the west side of building to immediately be greeted by a parking lot

Then we have to cross Council Drive to get to the historic Quad.....

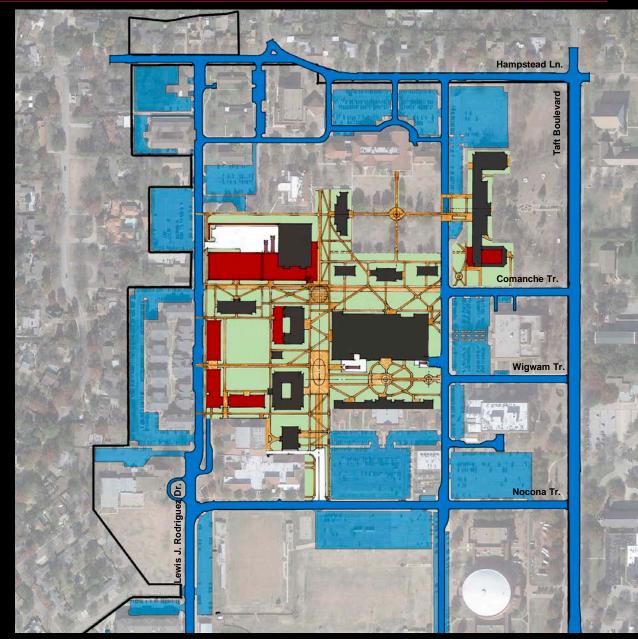


COMANCHE DRIVE CLOSURE

Closing Comanche would better connect the campus from residence halls and Union to north academic facilities.

Wide pedestrian walkway should be designed to carry:

- Emergency vehicles,
- Service vehicles
- Move-in day



STREET TO PEDESTRIAN WALKWAY

MISSISSIPPI STATE UNIVERSITY

STREET TO PEDESTRIAN WALKWAY



WALKWAY DURING MOVE-IN DAY



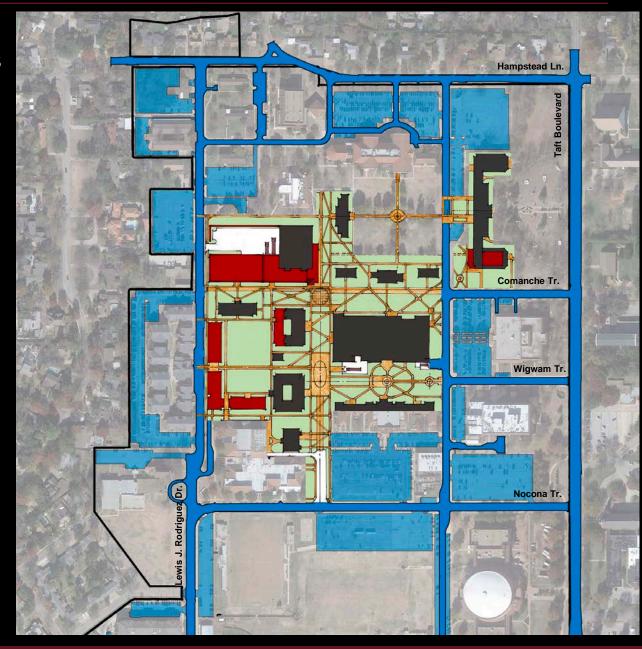
JOHNS HOPKINS UNIVERSITY

WALKWAY DURING MOVE-IN DAY



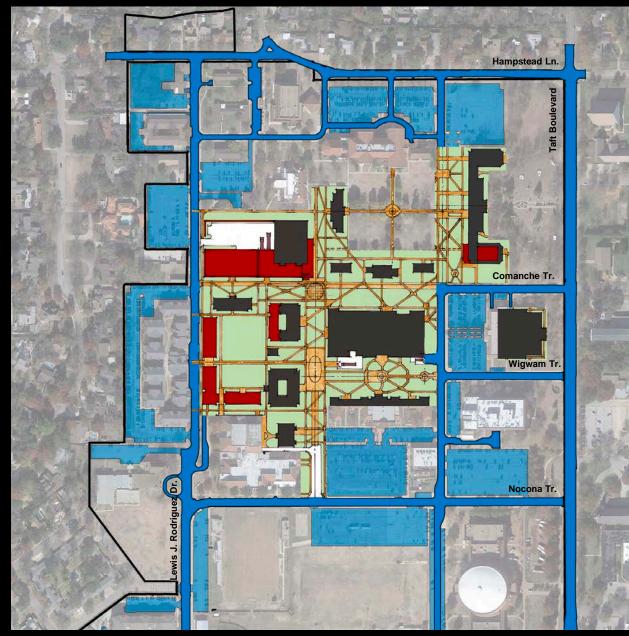
COMANCHE DRIVE CLOSURE

Closing Comanche would better connect the campus from residence halls and Union to north academic facilities.



COUNCIL DRIVE CLOSURE

Closing Council Drive would be a home run for those first time visitors and potential students!





TEXAS STATE UNIV – CONCHO STREET

Images courtesy of Ayers/Saint/Gross, Broaddus & Assoc. & TBG Partners







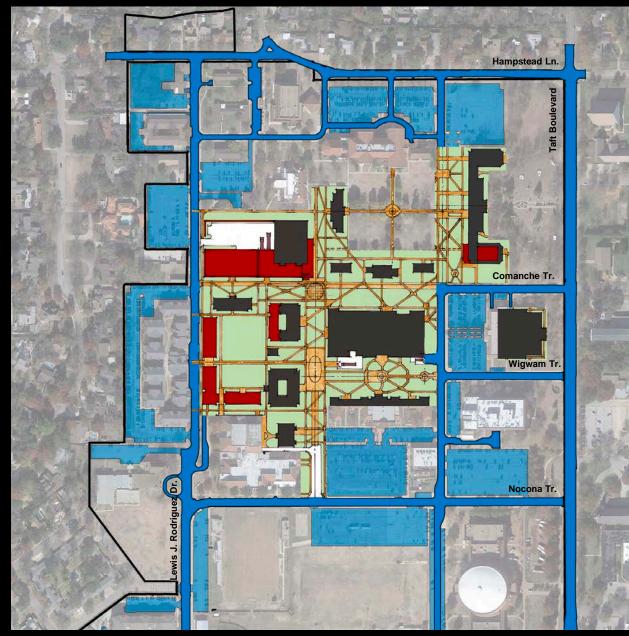


TEXAS STATE UNIV – CONCHO STREET: AFTER



COUNCIL DRIVE CLOSURE

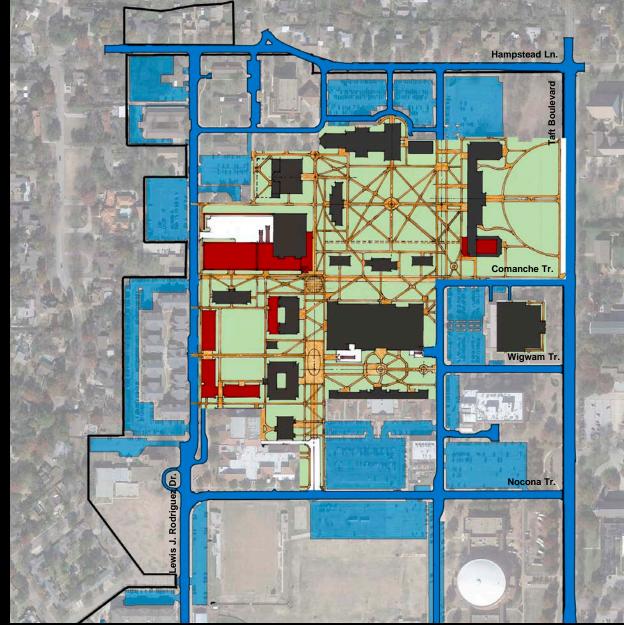
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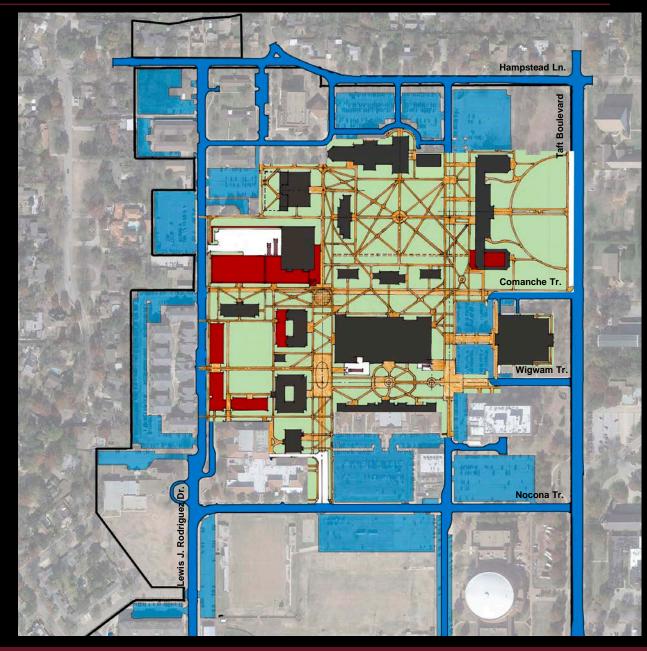
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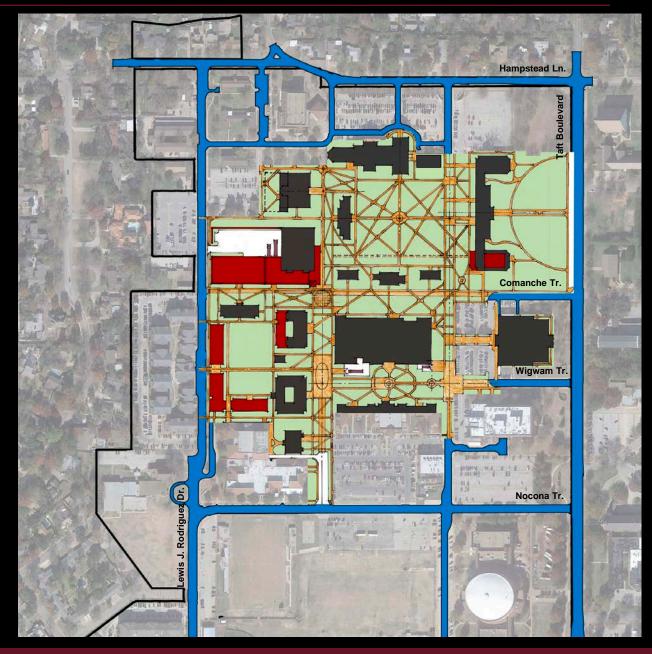
NOW THAT'S A QUAD!!!



COUNCIL DRIVE CLOSURE: DILLARD TO BOLIN



PEDESTRIAN CIRCULATION VS STREETS



TEST: HOW MUCH BETTER IS IT NOW





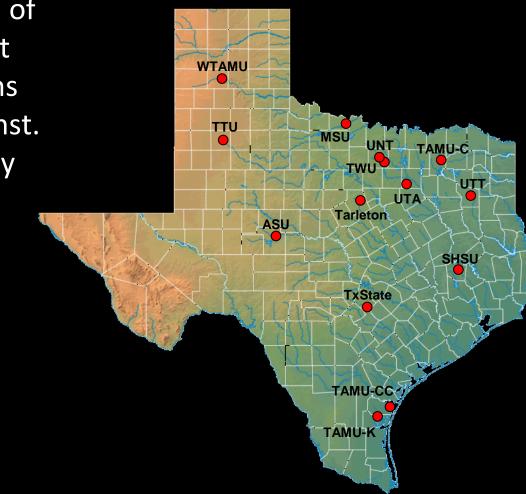
BENCHMARKING & SPACE PROJECTIONS

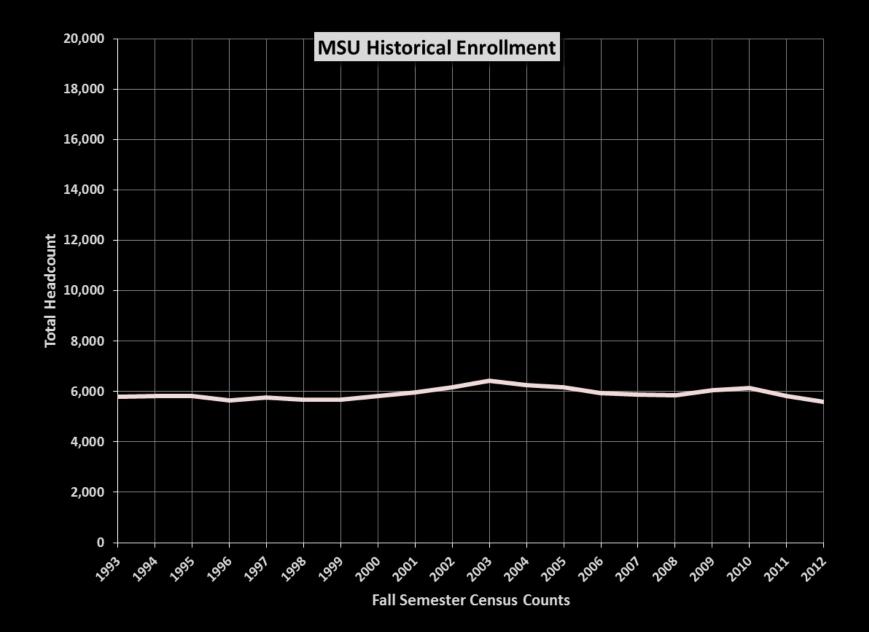


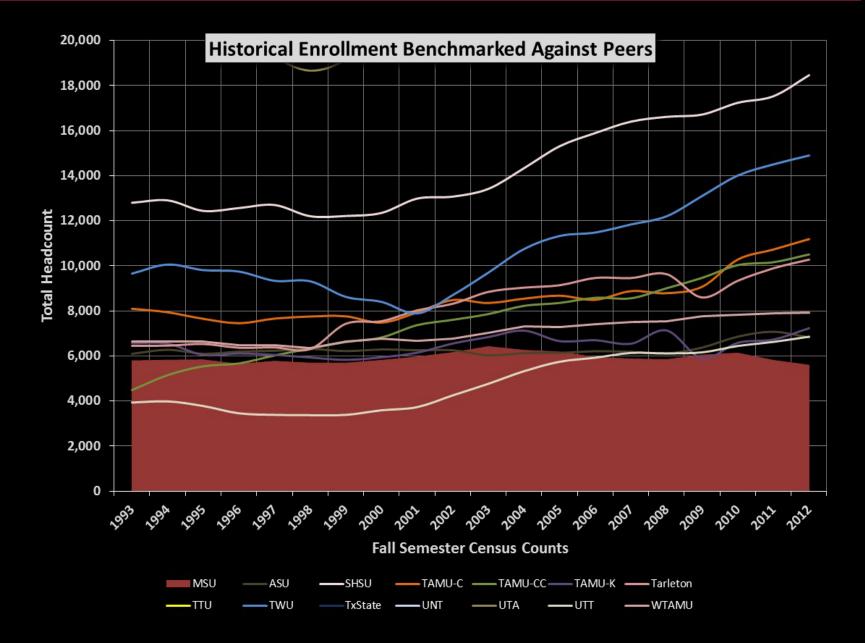
BENCHMARKING - PEER UNIVERSITIES

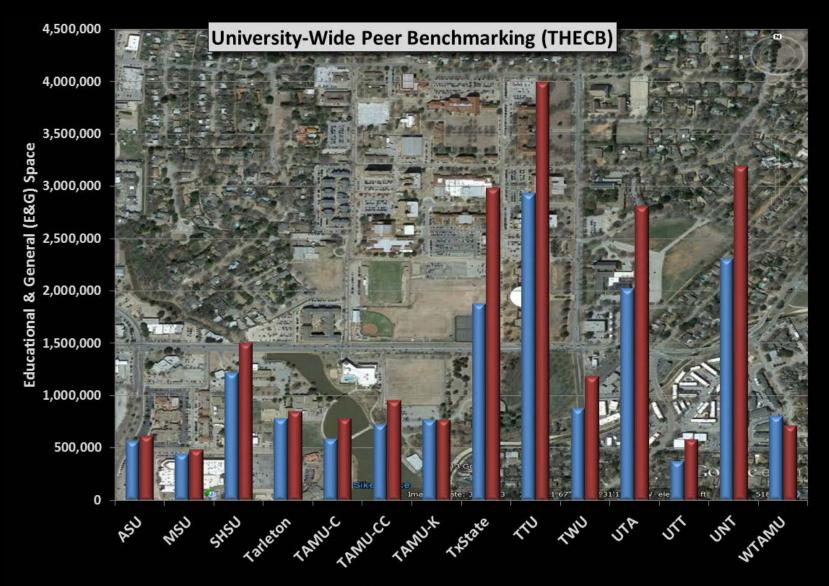
During their interviews, each of the colleges were asked what other Texas public institutions they benchmarked well against. The following list was cited by at least four of the colleges:

- Angelo State University (ASU)
- Sam Houston State University (SHSU)
- Tarleton State University (Tarleton)
- Texas A&M University Commerce
- Texas A&M University Corpus Christi (TAMU-CC)
- Texas A&M University Kingsville (TAMU-K)
- Texas State University (TxState)
- Texas Tech University (TTU)
- Texas Women's University (TWU)
- The University of Texas at Arlington (UTA)
- The University of Texas at Tyler (UTT)
- The University of North Texas (UNT)
- West Texas A&M University

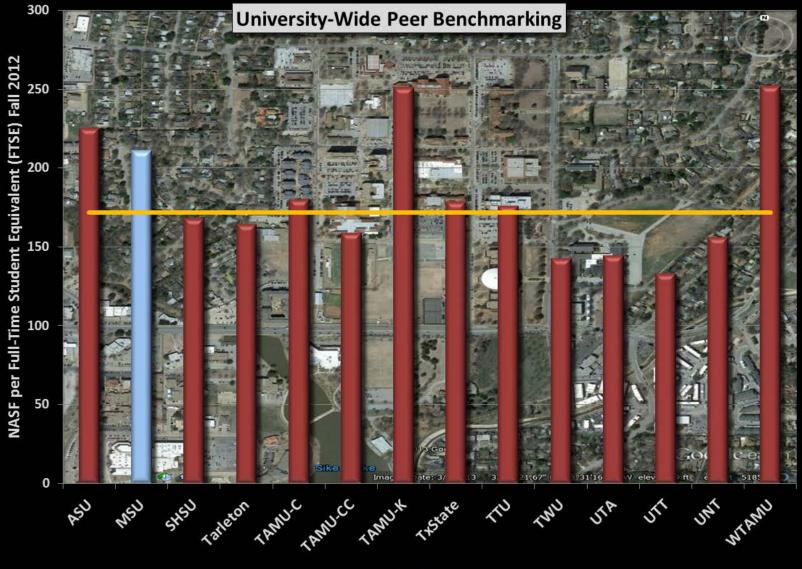




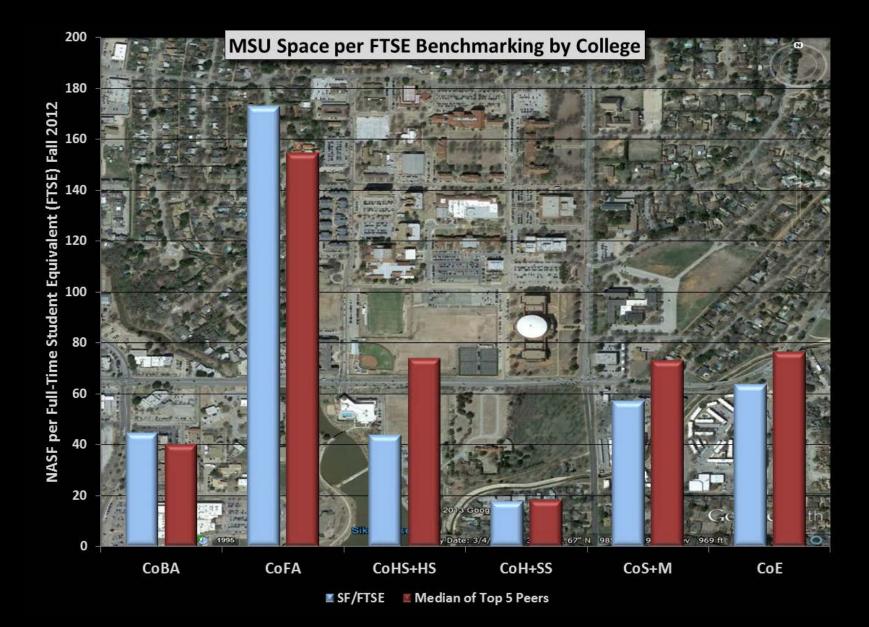




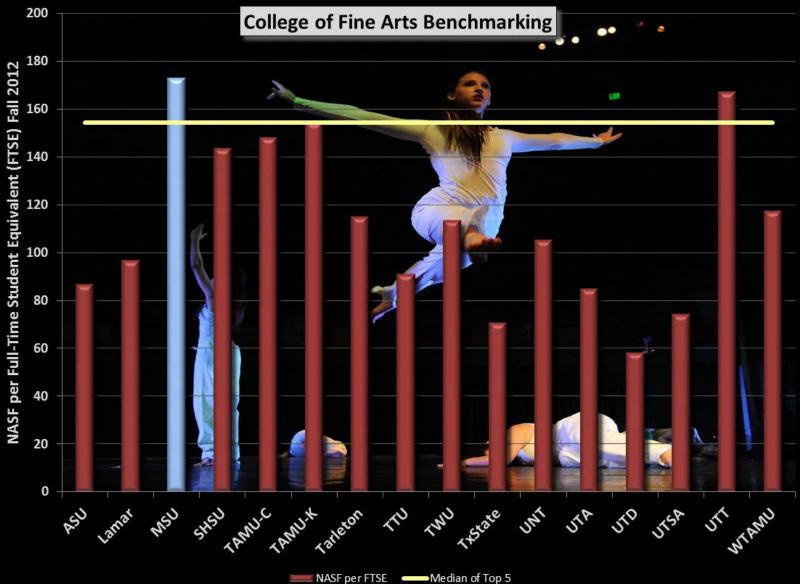
Actual Predicted



SF per FTSE _____Median of Peers

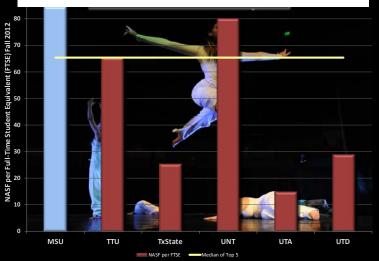




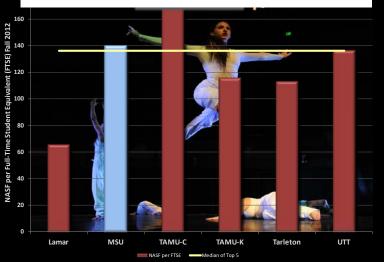


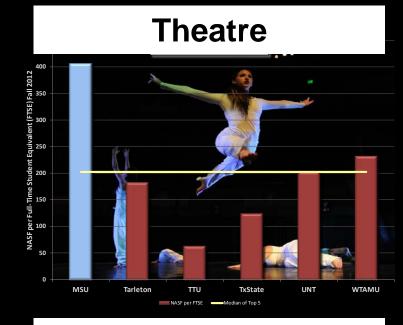
- per FISE - Iviedian of

Mass Comm

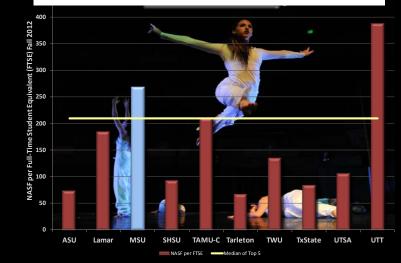


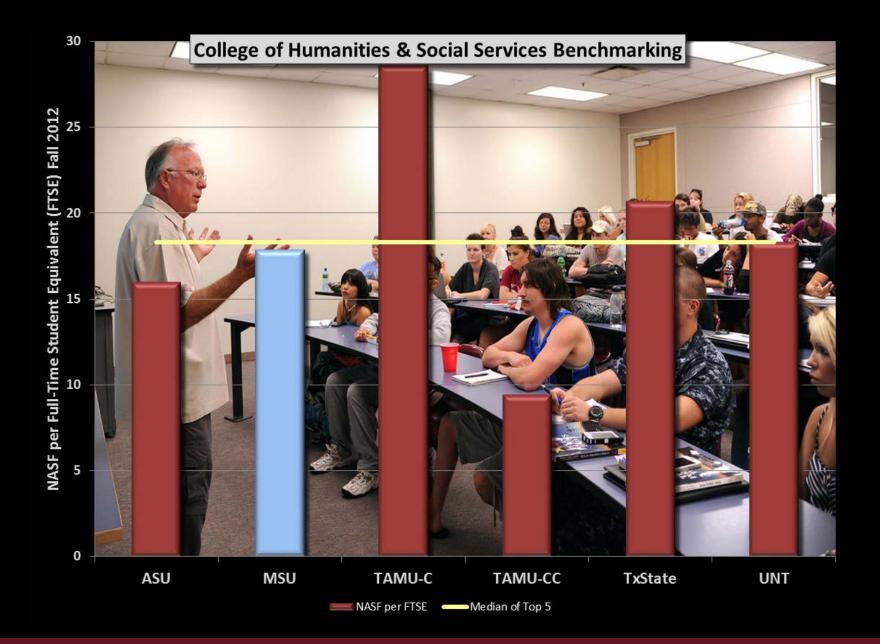
Music

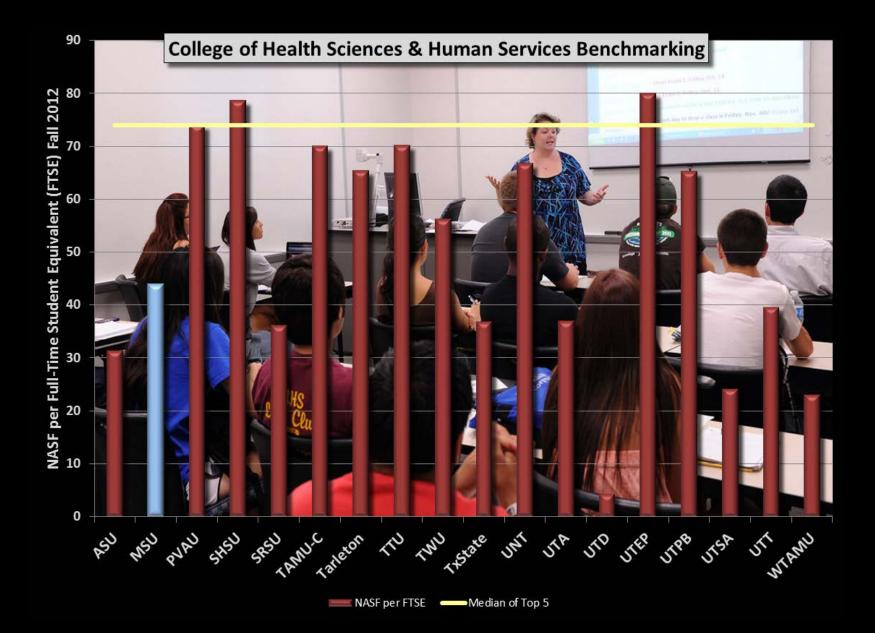




Visual Arts









AthTrain / Ex Phys

180



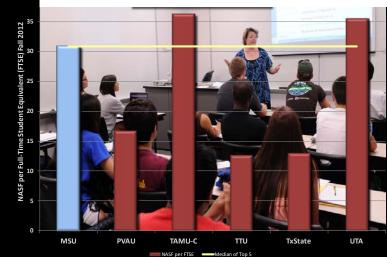
NASF per FTSE Median of Top 5

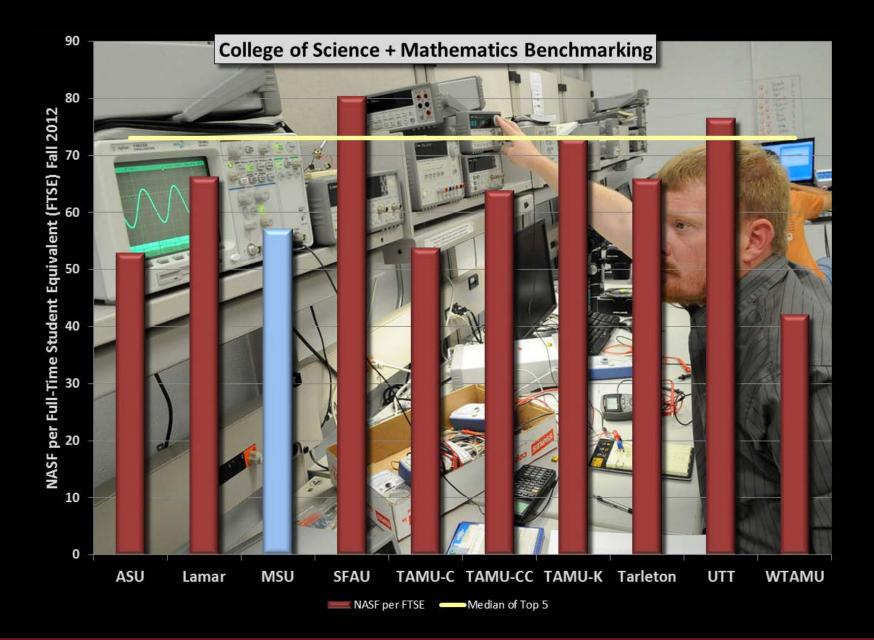
Nursing & Allied Prog

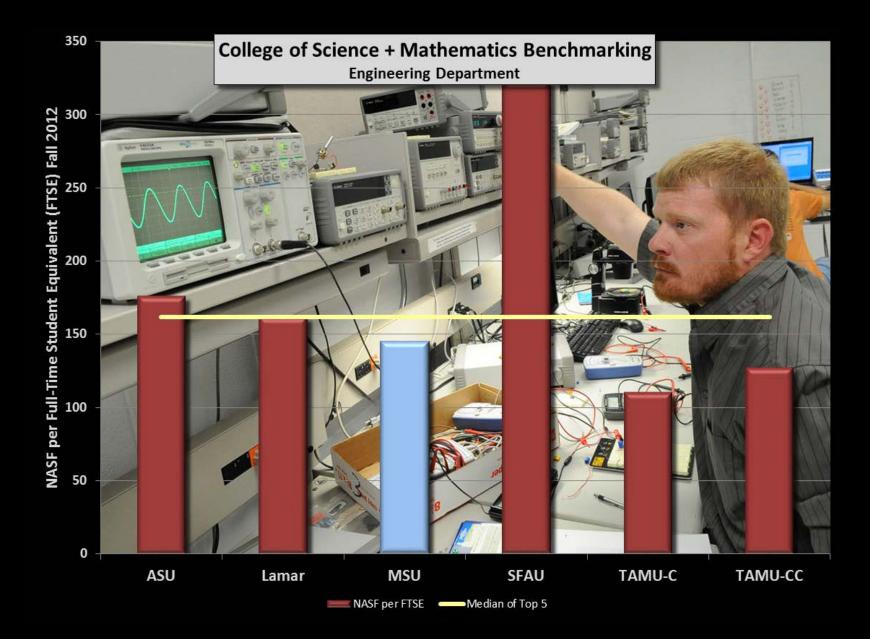
140

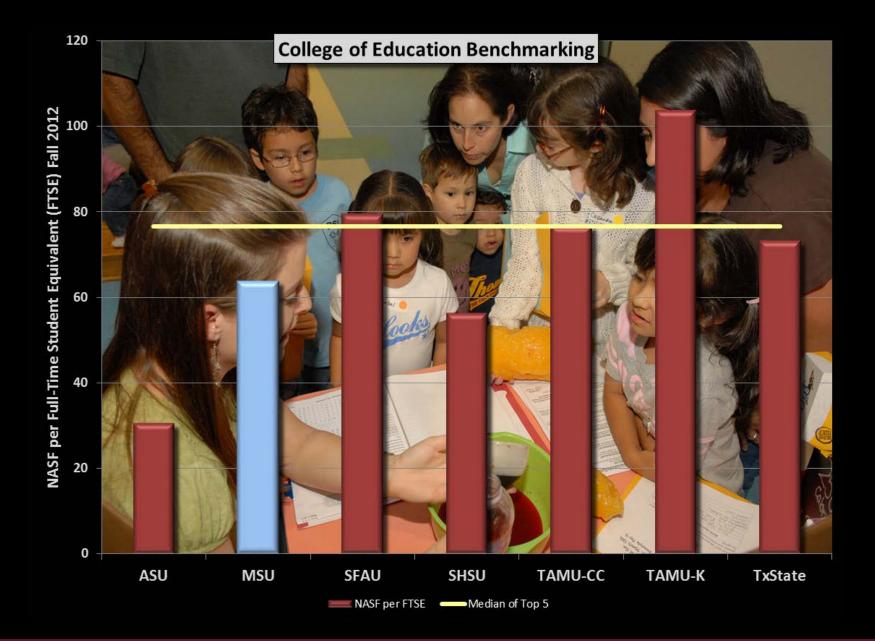


Social Work



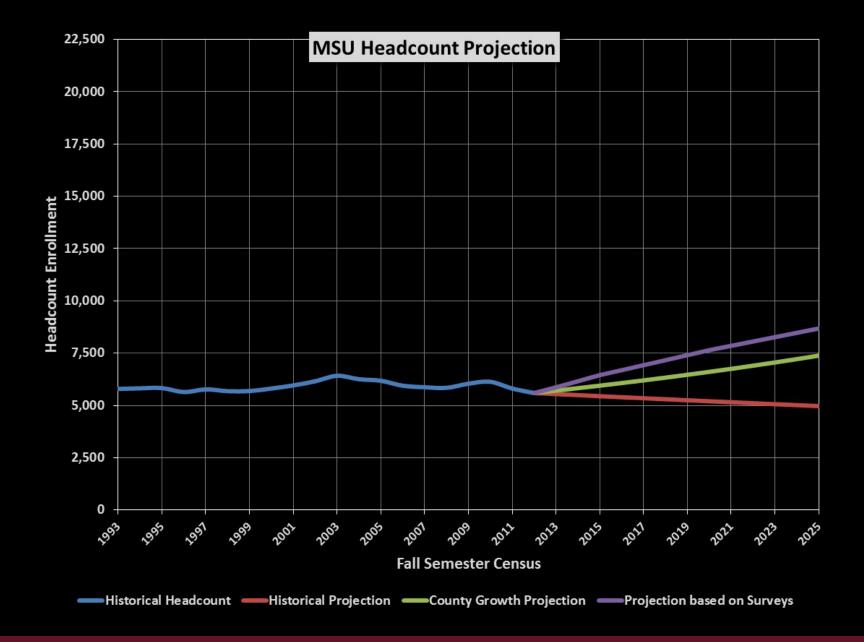


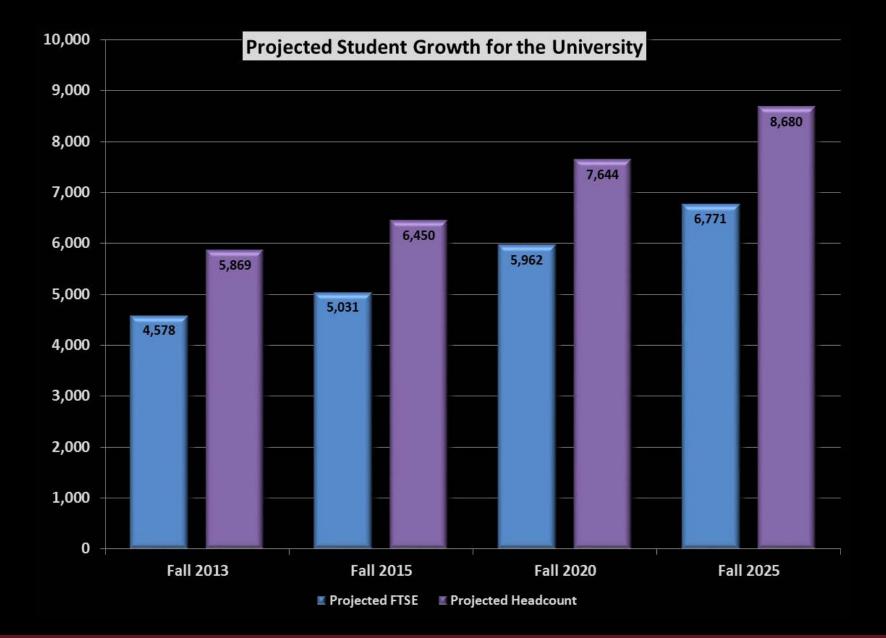


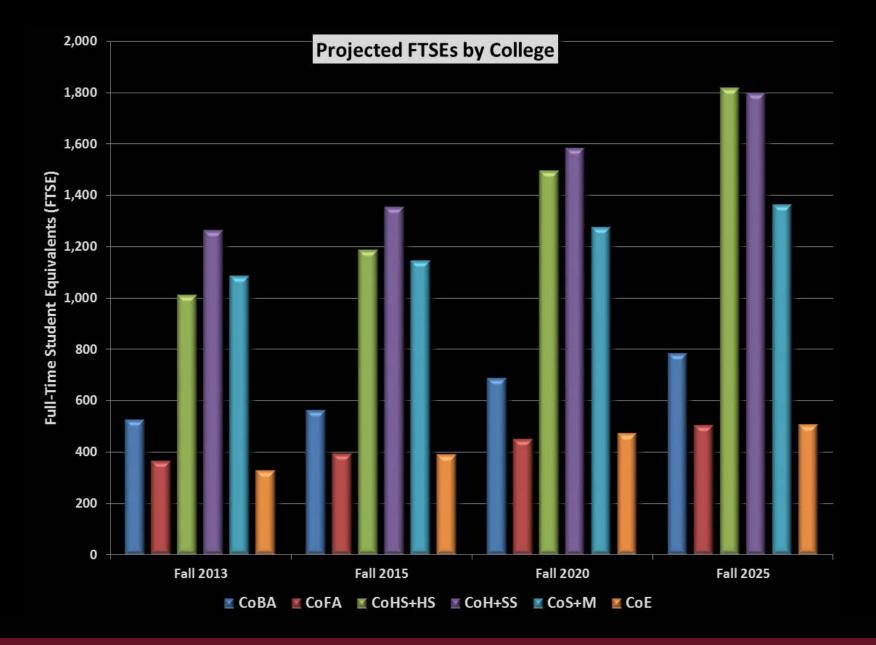


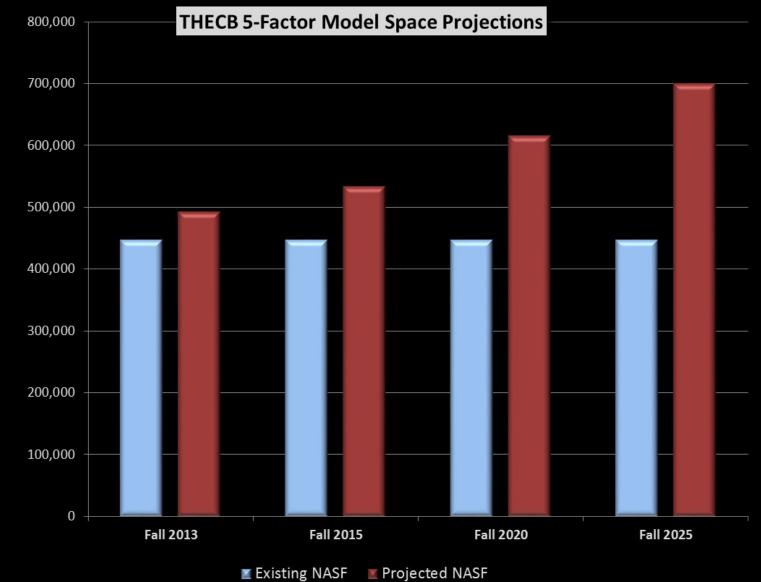
The methodology used in performing the growth projection studies fall along two tracks:

- THECB 5-Factor Space Projection Model
 - The information used in this study to complete the model was obtained through a questionnaire distributed to the various colleges within MSU
- Peer Projection
 - The second method used to project space is based upon the median NASF/FTSE of the peer institutions.

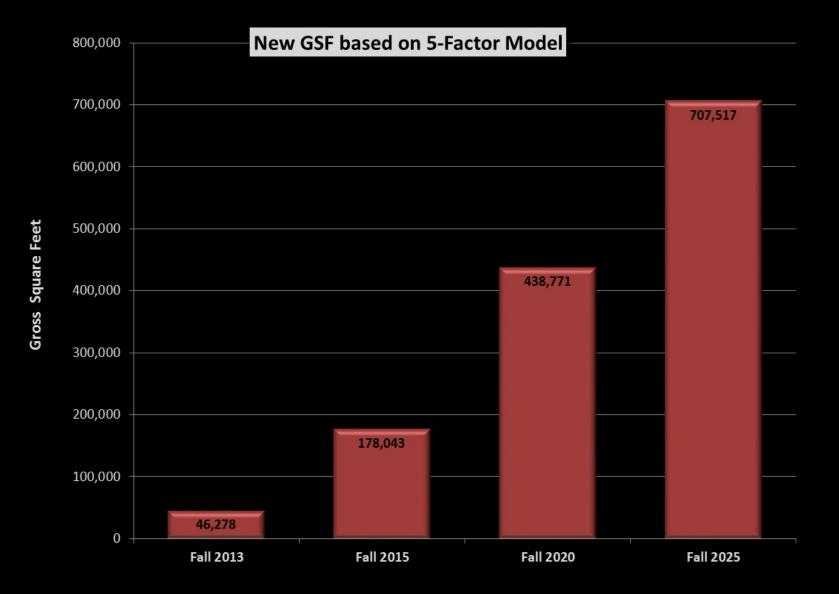


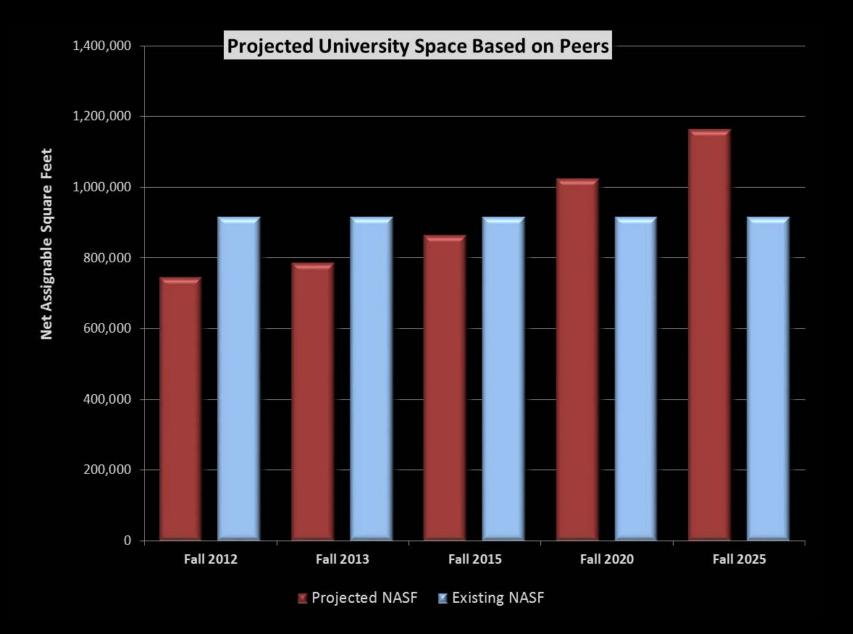


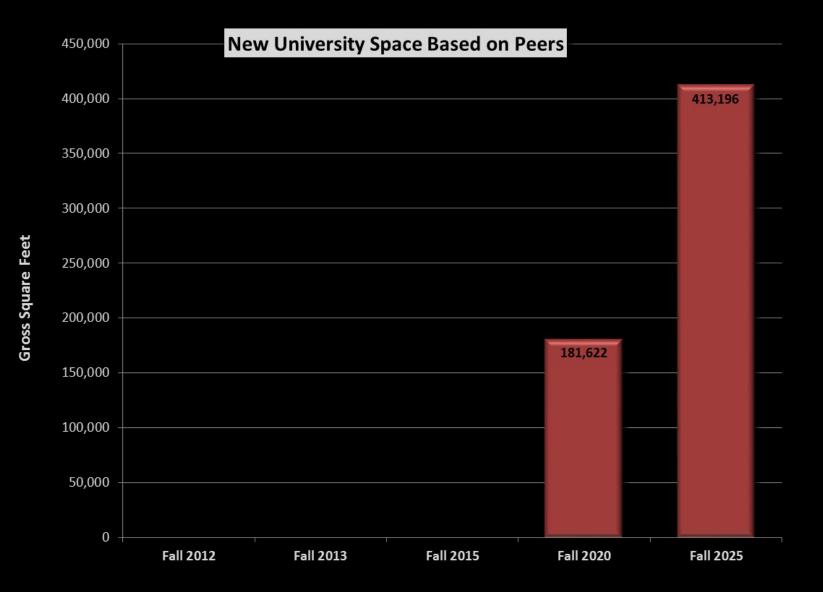


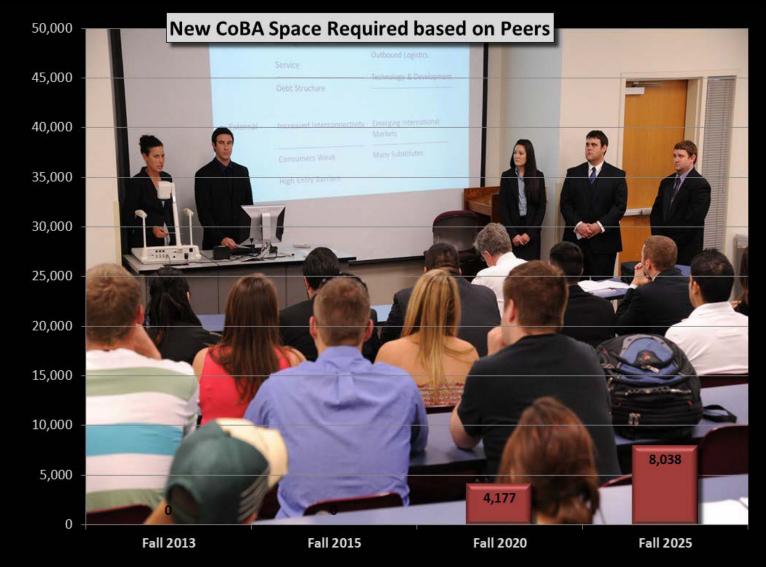


E&G Square Feet

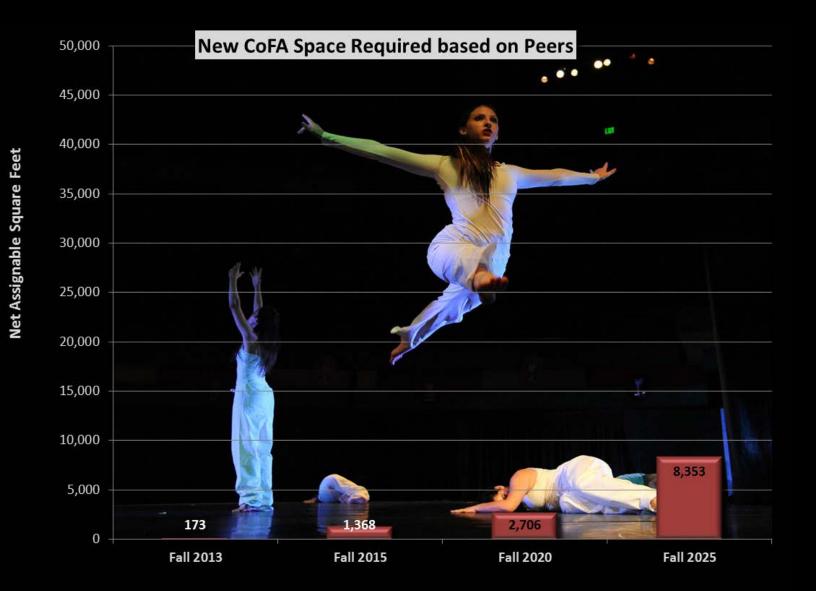




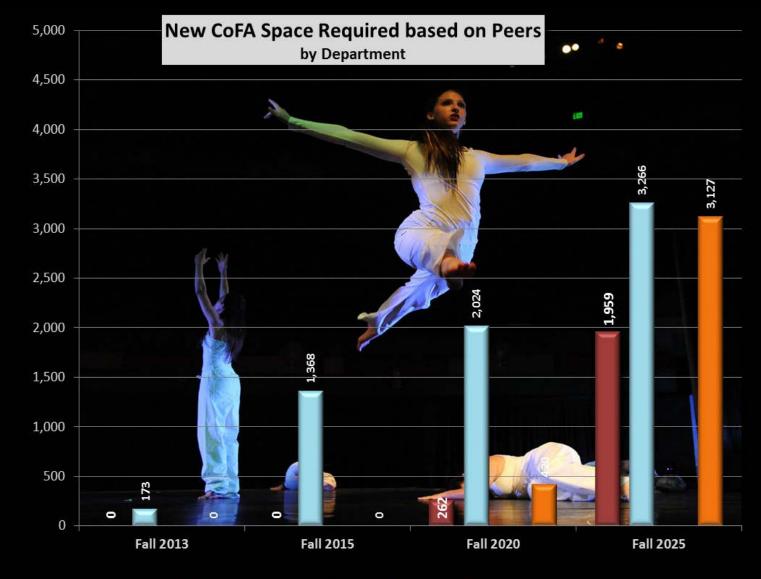




Net Assignable Square Feet



Net Assignable Square Feet



🗷 Mass Communications 🛛 🖉 Music 📄 Theatre 🖉 Visual Arts

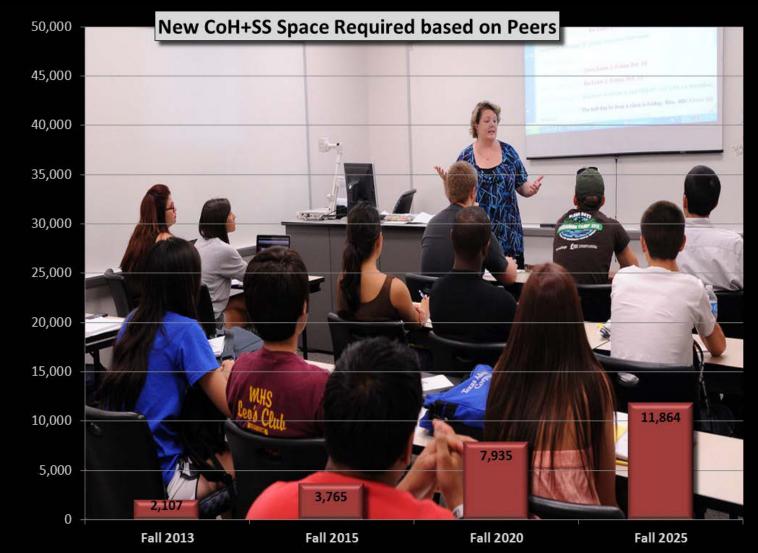


Net Assignable Square Feet

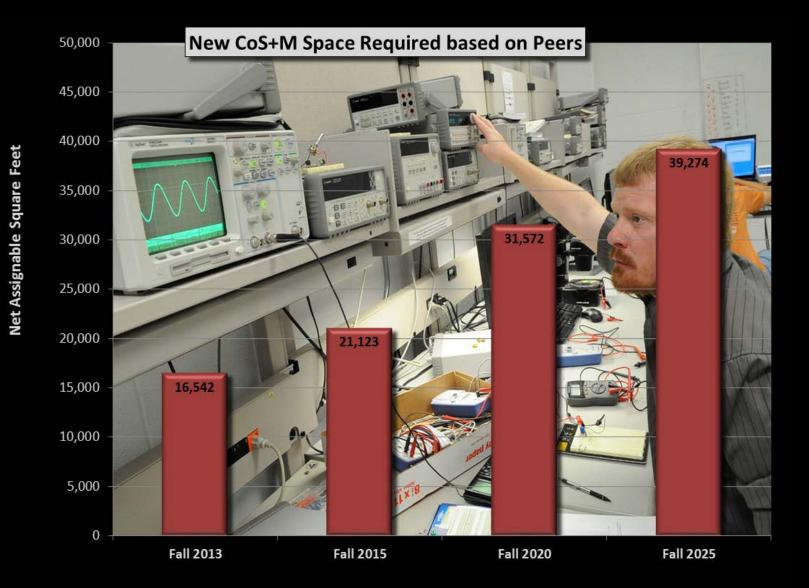
Net Assignable Square Feet

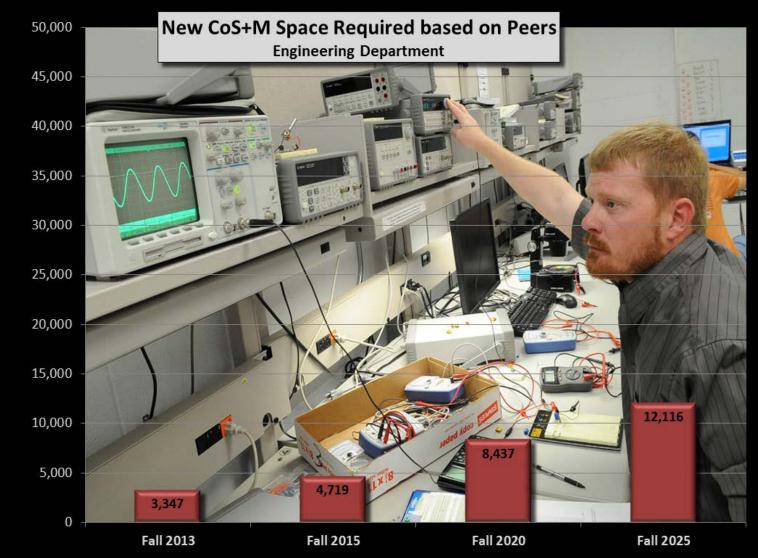


CJ ATRN/EXPHYS Nursing/AH SOWK



Net Assignable Square Feet





Net Assignable Square Feet



College of Business Administration					
	NASF	Addition to Dillard			
CoBA Requried	31,500	31,500			
Dillard	23,462	(23,462)			
Classroom Space		500			
New NASF Required		9,000			
New GSF Required		15,000			

College of Humanities + Social Sciences					
	NASF	Addition to Prothro			
CoH+SS Required	32,898	32,898			
Fain Fine Arts Center	353	Move into new space			
Moffett Library	734	Move into new space			
Prothro-Yeager	19,947	(19,947)			
Classroom Space		800			
New NASF Required		14,000			
New GSF Required		23,000			

College of Fine Arts							
			Build	Build			
			Music/MassComm	Rebuild Fain			
	NASF	Addition to Fain	Wing	Keeping Theatre	New Building		
Total NASF Required	64,000	64,000		64,000	64,000		
Music Required	15,000		15,000				
MassComm Required	15,000		15,000				
Fain Fine Arts Center	46,761	(46,761)		(24,846)			
Fain Instrumental Music Hall	4,757	(4,757)	(4,757)	(4,757)			
Hardin Administration (Akin)	8,506	(8,506)	(4,102)	(8,506)	(8,506)		
Existing NASF (Fain B-Wing)	21,915						
Classroom NASF		200	1,300	1,600	3,300		
New NASF Required		4,000	22,000	27,000	59,000		
New GSF Required		7,000	37,000	45,000	98,000		

College of Science & Mathematics							
		Sciences & I	Vathematics	Engineering			
	NASF	Addition to Bolin	New Building	Addition to McCoy	New Building		
Sciences & Mathematics Required	76,000	76,000	76,000				
Engineering Required	23,000			23,000	23,000		
Beyer Greenhouse	2,149	(2,149)					
Bolin Hall	46,593	(46,593)					
McCoy Engineering Hall	10,665			(10,665)			
Prothro-Yeager	536	Move into new space	Move into new space				
Classroom Space		1,600	4,600	700	1,400		
New NASF Required		29,000	81,000	13,000	24,000		
New GSF Required		48,000	135,000	22,000	40,000		

College of Education						
		Education	Kinesiology			
	NASF	New Building	Addition to Ligon	New Building		
Education Required	16,000	16,000				
Kinesiology Required	15,000		15,000	15,000		
Ferguson Hall	6,913					
Ligon Coliseum	12,686		(12,686)			
Classroom Space		1,000	100	900		
New NASF Required		17,000	2,000	16,000		
New GSF Required		28,000	3,000	27,000		

College of Health Sciences & Human Services								
		Crimi	Criminal Justice / Nursing / Allied Health / Social Work				Athletic Training/Exercise Physiology	
		Addition to Bridwell	Addition to Bridwell	New Building w/o	New Building			
	NASF	w/o SimCtr	w/SimCtr	SimCtr	w/SimCtr	Addition to Ligon	New Building	
ATRN-EXPH Required	18,000					18,000	18,000	
Criminal Justice Required	5,000	5,000	5,000	5,000	5,000			
Nursing-Allied Health Required	73,000	73,000	73,000	73,000	73,000			
SOWK Required	7,000	7,000	7,000	7,000	7,000			
Bridwell Hall	17,947	(17,947)	(17,947)	Move into new space	Move into new space			
Ligon Coliseum	11,264					(11,264)	Move into new space	
Martin Hall	3,524	Move into new space	Move into new space	Move into new space	Move into new space			
Prothro-Yeager	658	Move into new space	Move into new space	Move into new space	Move into new space			
Simulation Center	8,843	(8,843)	Move into new space	(8,843)	Move into new space			
Classroom Space		3,500	4,000	4,600	5,100	400	1,100	
New NASF Required		62,000	71,000	81,000	90,000	7,000	19,000	
New GSF Required		103,000	118,000	135,000	150,000	12,000	32,000	



CONCLUSION: TRB PRIORITIES #1 & #2



TUITION REVENUE BOND - PRIORITIES

- 2015 Legislative Session
 - TRB #1 Health Sciences & Human Services
 - TRB #2 ADA / Deferred Maint / Addition to Bolin

- 2017 Legislative Session
 - #1 ADA / Deferred Maint / Addition to Bolin

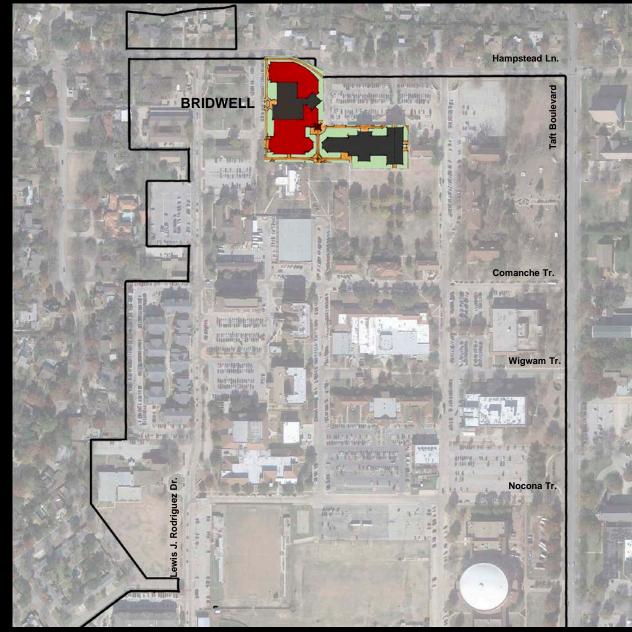


ACADEMIC IMPLEMENTATION PROJECTS



Addition of 150,00 gross square feet would be too large compared to the existing Bridwell building

Does not prove to be the best solution for the growth of HSHS

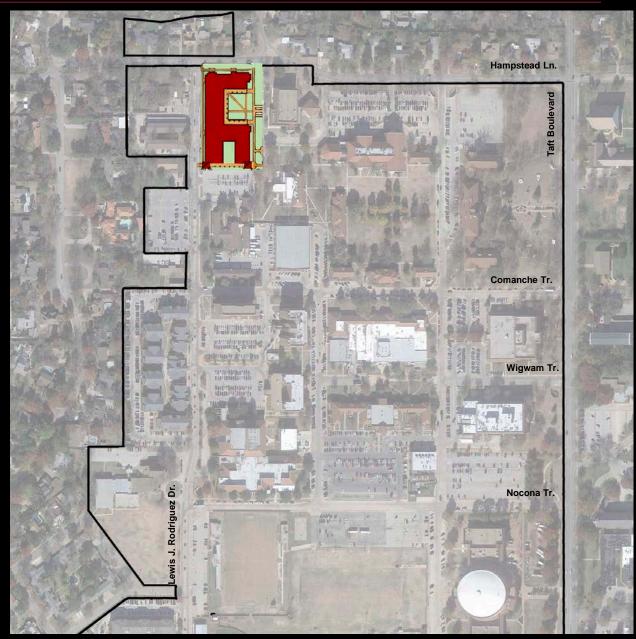


Advantages:

- Creates a professional school "zone" along north edge of the campus
- Allows the removal of two buildings that have exceeded their useful life

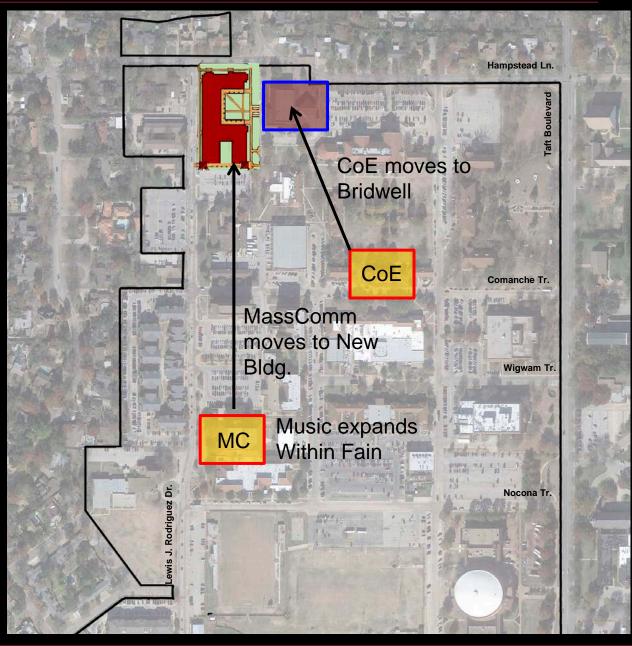
Disadvantages:

- Puts 1/3 of the student population, from a very prominent college, farthest away from the core of the campus
- Does not address IT
- Parking will be an issue



Domino Effect:

- HS+HS (except for ATRN/EXPHYS) moves into the new building
- Education moves into a vacated Bridwell Hall
- CoFA Mass
 Communications moves into new bldg
- Music Expands within Fain
- Ferguson is vacated allowing for its demolition or use for swing space

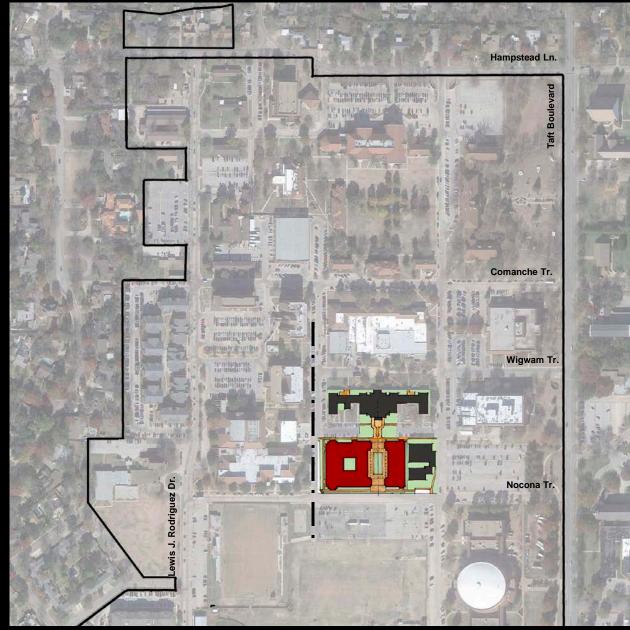


Advantages:

- No Demolition required
- Reinforces the southern edge of the academic core
- Reinforces the north/south axis

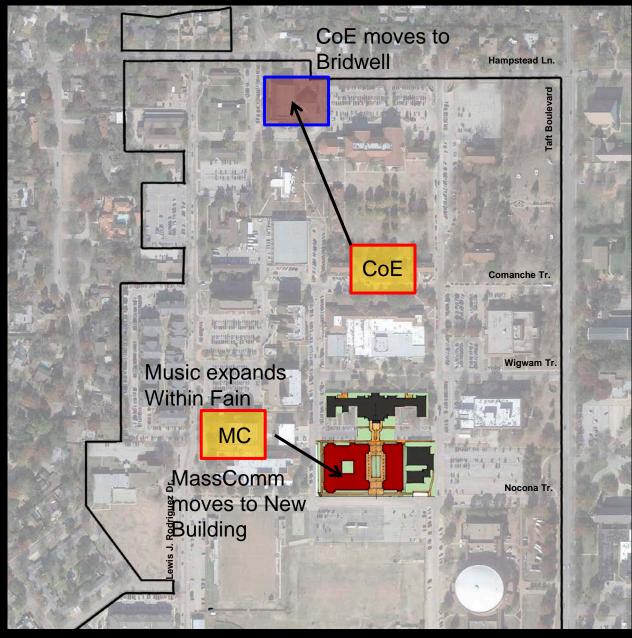
Disadvantages:

- Size is limited
- Does not address IT
- City sewer line impacts site
- Displaces 320 parking spaces



Domino Effect:

- HS+HS (except for ATRN/EXPHYS) moves into the new building
- Education moves into a vacated Bridwell Hall
- CoFA Mass
 Communications moves into new bldg
- Music Expands within Fain

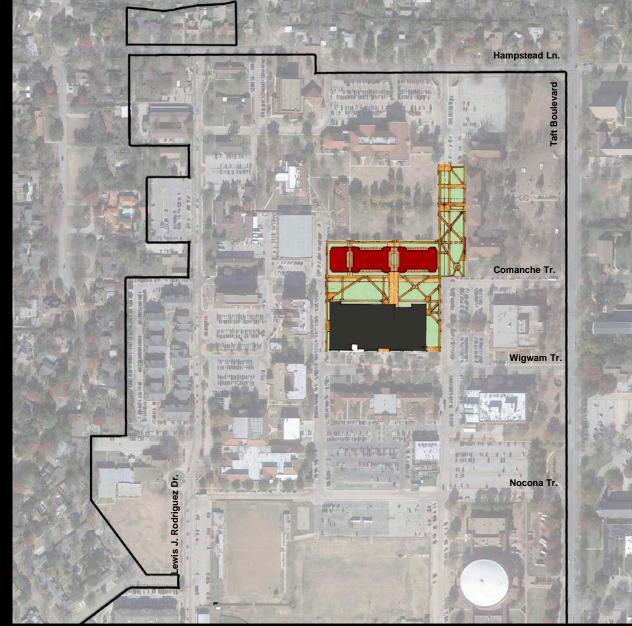


Advantages:

- Creates a professional school "zone" around the main quad
- Addresses IT
- Allows the removal of two buildings that have exceeded their useful life that are located in the center of the campus
- Provides the impetus to close parts of Comanche & Council Drive

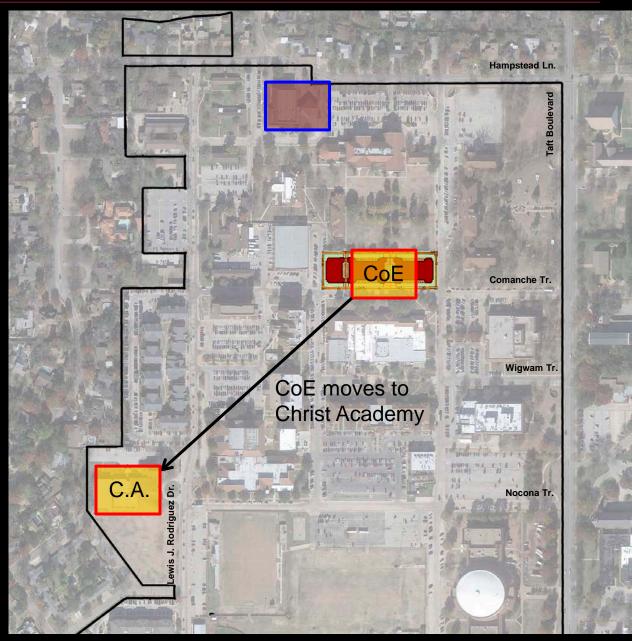
Disadvantages:

- Size is limited
- Politics of moving Fain
- Relocate Education



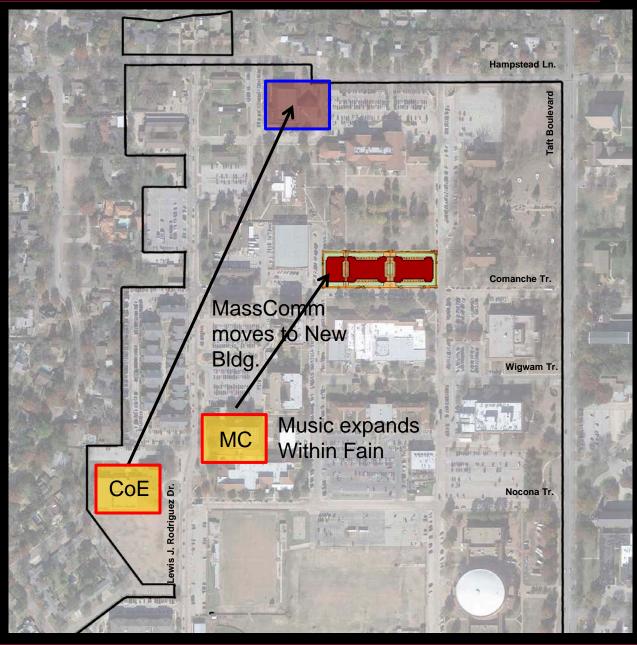
Domino Effect:

- Education moves into temporary facilities while construction occurs
- Ferguson is demolished



Domino Effect:

- HS+HS (except for ATRN/EXPHYS) moves into the new building
- Education moves into a vacated Bridwell Hall
- CoFA Mass
 Communications moves into new bldg
- Music Expands within Fain

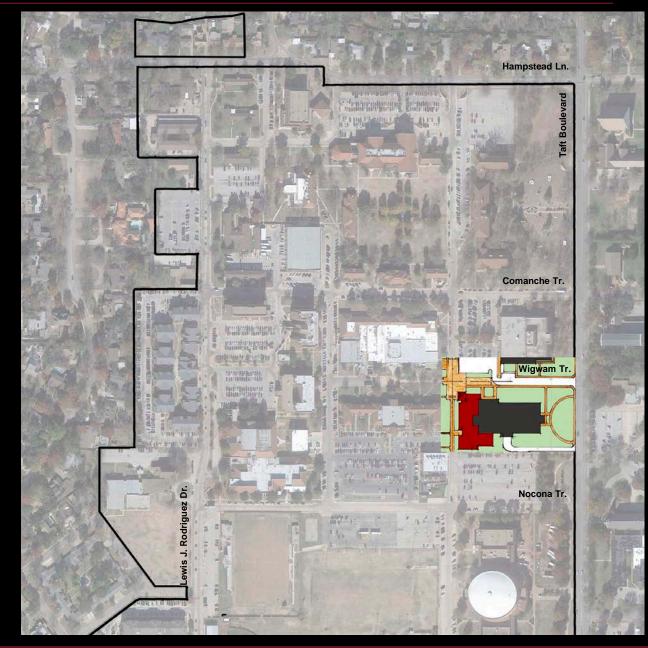


COLLEGE OF SCIENCE & MATH

Addition to Bolin 48,000 GSF

New Wing Addition would include new technology for 21st teaching labs

Includes renovation of existing Bolin for less intense labs, classrooms and office spaces

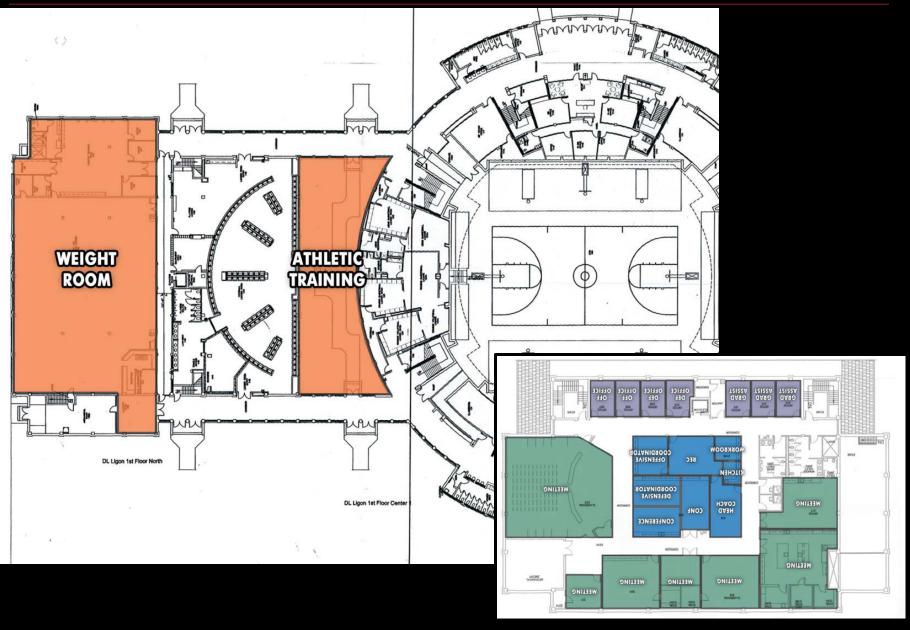




ATHLETICS & REC



ATHLETIC TRAINING & COACHES OFFICES



ATHLETICS & REC

Phase I: (CoHSHS – TRB #1) Academic Athletic Train'g Exercise Physiology (28,000 gsf)

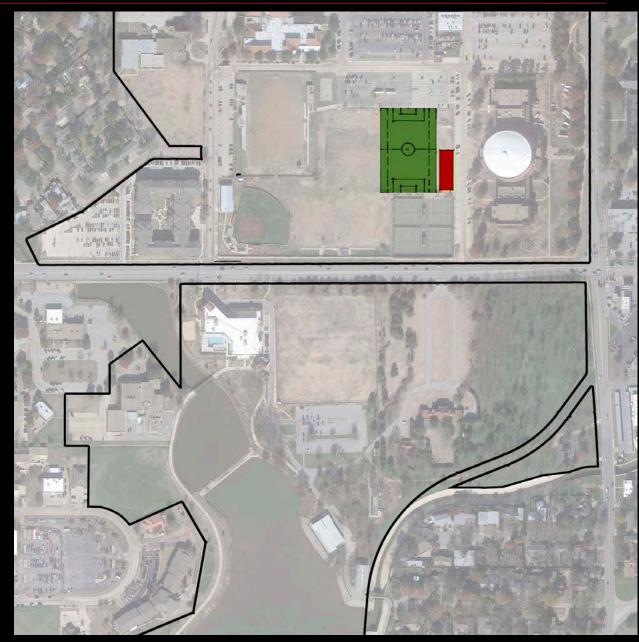


ATHLETICS & REC:

Lack of rain is causing major issues with natural grass fields

New Turf Football/Soccer Field located for future stadium would help solve

New Turf field becomes: Soccer Competition Field Football Practice



CONCEPT PLAN – EXTEND CAMPUS TO THE SOUTH

How do we extend the landscape of core campus to south campus



CONCEPT PLAN – EXTEND CAMPUS TO THE SOUTH

How do we extend the landscape of core campus to south campus

Primary spine could be from Bridwell / Dillard to South Campus

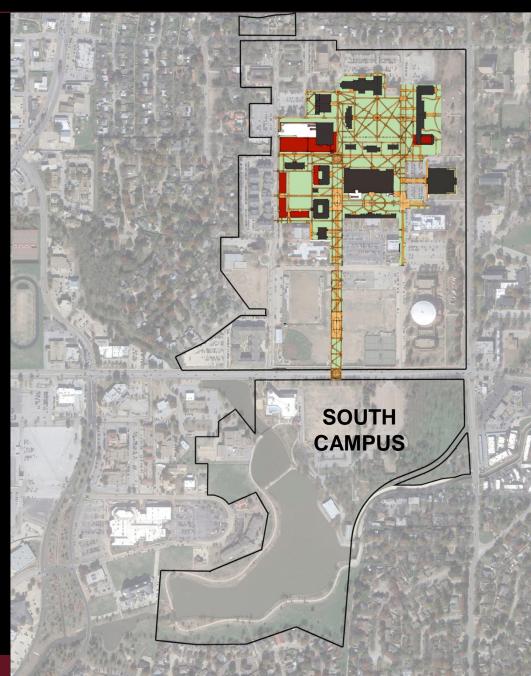


OPEN SPACE NETWORK SHOWN EARLIER

How do we extend the landscape of core campus to south campus

Primary spine could be from Bridwell / Dillard to South Campus

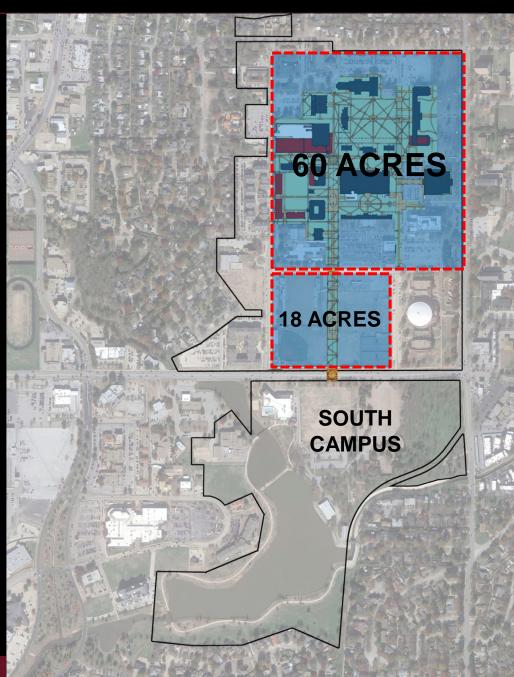
Building off what we discussed earlier by creating a pedestrian friendly campus core



ATHLETICS CAMPUS - UTILIZATION OF OUR LAND

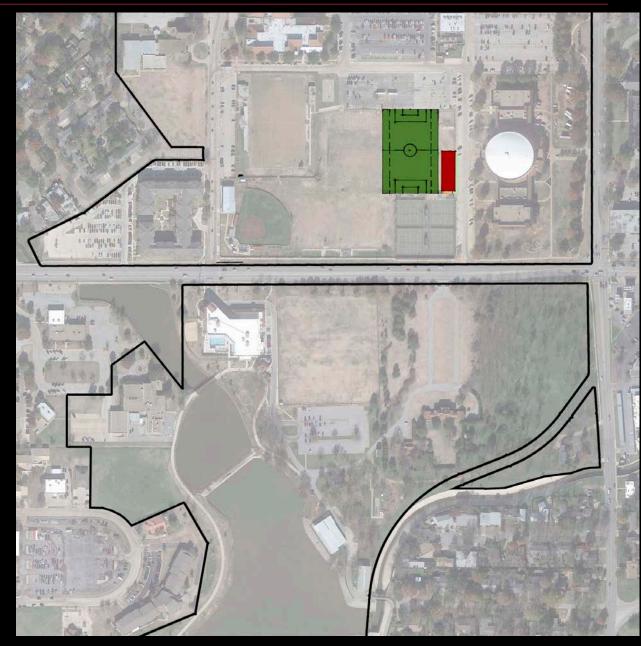
Athletic Zone is currently using 20% of the core campus' land

Should make better use of South Campus Land in order to better utilize the 18 acres



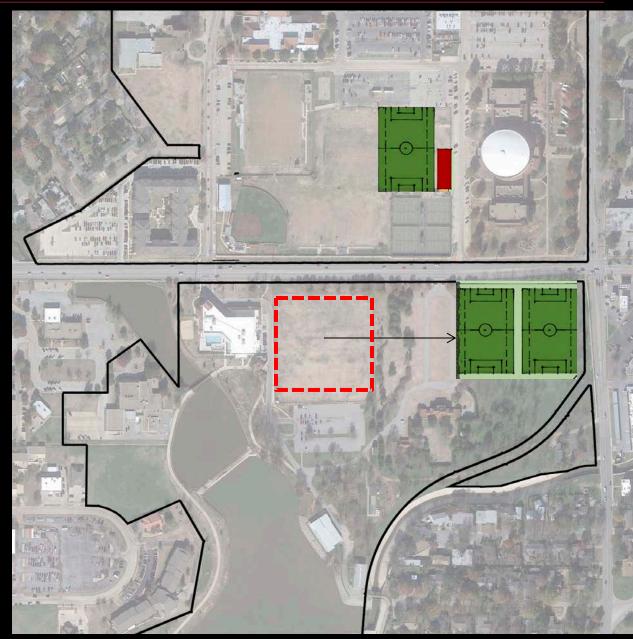
Academic Athletic Train'g Exercise Physiology Building (28,000 gsf)

Turf Soccer / Football Field



Moving 2 Soccer Fields to Pecan Grove site allows for better use of site east of Wellness Center

Narrow entry drive to President's house make room for soccer fields



Potential Baseball Stadium Site

Add surface parking

Fraternity House site: Possible location for Facilities & Maintenance Building



SOUTH CAMPUS LONG TERM OPTIONS

Possible location for Softball & Soccer Stadium

Future addition to Wellness Center

Possible expansion of President's house to better accommodate events



SOUTH CAMPUS LONG TERM OPTIONS

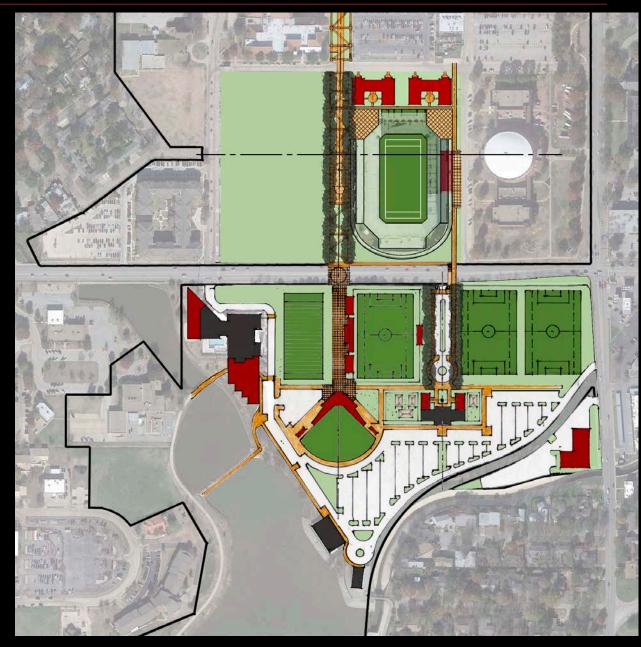
Site West of Ligon will fit 10 – 12,000 seat football stadium

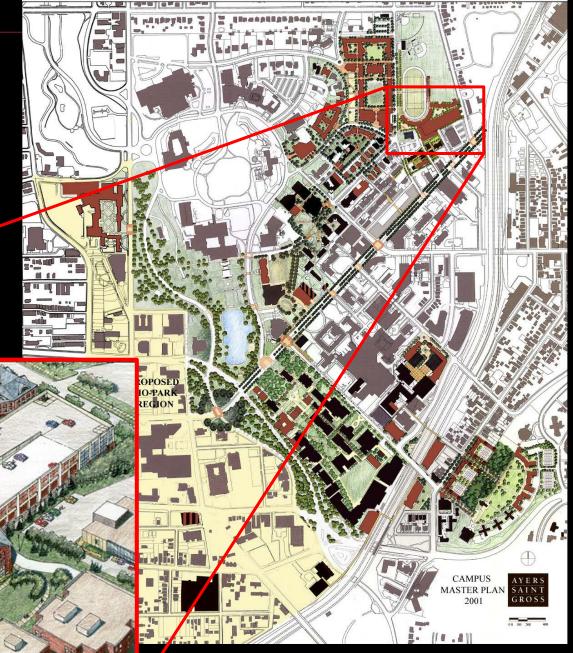


Frees up North and West portions of the site for :

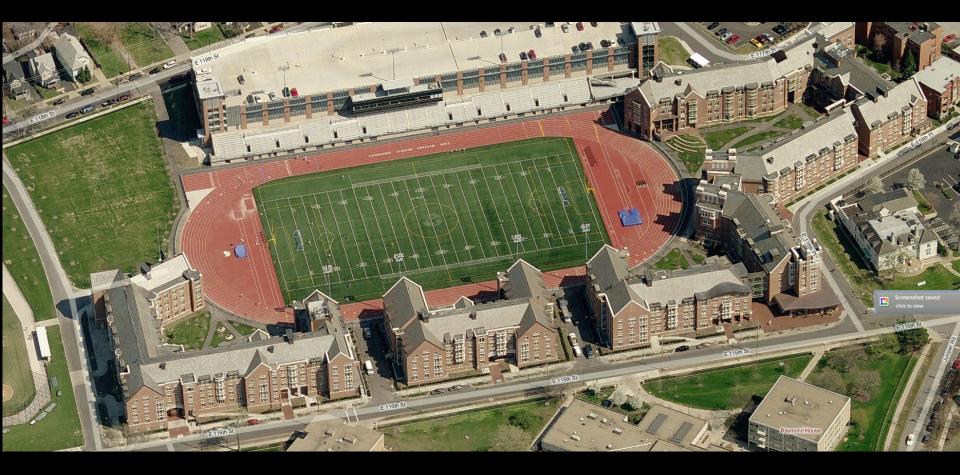
PARKING HOUSING ACADEMICS

PRECEDENT: CASE UNIVERISTY

















CONSTRUCTION TIMELINE - DR. FOWLE



IMPLEMENTATION TIMELINE – DR. FOWLE

Student Housing

- 2015 Legislative Session
 - TRB #1 HSHS
 - TRB #2 ADA / DM / Bolin Addition

2017 Legislative Session
#1 ADA / DM / Bolin Addition