

**University of Alabama System
Board Rule 415 (2/2005)
Board Submittal Checklist Criteria**

*** Board Submittal Checklist No. 3
Capital Project – Stage III Submittal /1
(Architectural Design)**

Campus: The University of Alabama
Project Name: Reese Phifer Radio & Satellite Farm Relocation
UA Project #: 000-18-1481
Meeting Date: June 4 – 5, 2020

- ☒ 1. Completed Board Submittal Checklist No. 3
- ☒ 2. Transmittal Letter to Chancellor from Campus President requesting the project be placed on the agendas for the forthcoming Physical Properties Committee and Board of Trustees (or Executive Committee) meetings
- ☒ 3. Proposed Resolution requesting approval of the Revised Scope and Budget and the Project Design by the Board of Trustees (Architectural Design and authority to proceed with final construction documents)
- ☒ 4. Campus correspondence/photographs providing supplemental project information
- ☒ 5. Executive Summary of Proposed Capital Project /2
- ☒ 6. Project Summary (Brief description of project and materials of construction)
- ☒ 7. Project Planning Report /2
- ☒ 8. Architectural renderings of project (Final design prior to the initiation of construction documents on the project)
- ☒ 9. Campus map(s) showing location of project site
- ☐ 10. Final Business Plans (if applicable) /3

DocuSigned by:

Carla Coleman Jones

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Prepared by: _____

Approved by: _____

Tim Leopore

Note: This project is being submitted on a conditional basis and will not proceed to bid until such time as the President authorizes the project to progress.

/1 Reference Tab 3H - Board Rule 415 Instructional Guide

/2 Reference Tab 3E - Board Rule 415 Instructional Guide

/3 Reference Tab 3V - Board Rule 415 Instructional Guide

* Basic documents required for this Board Submittal Package. Include other supporting materials, correspondence, etc., as may be required to fully describe or illustrate project being submitted for approval to Physical Properties Committee and Board of Trustees.

May 5, 2020

Chancellor Finis E. St. John IV
The University of Alabama System
500 University Boulevard East
Tuscaloosa, Alabama 35401

Dear Chancellor St. John:

I am pleased to send to you for consideration by the Board of Trustees at its June 5, 2020 meeting the following resolution:

- Board Item – Action: Stage III Submittal:
Reese Phifer Radio & Satellite Farm Relocation
UA Project No.: 000-18-1481

Please contact us if you have questions or need additional information.

Sincerely,



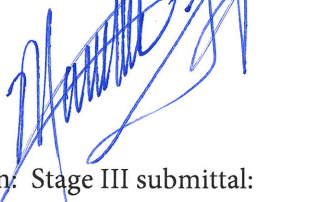
Stuart R. Bell
President

Enclosure



May 4, 2020

To: Stuart R. Bell

From: Matthew M. Fajack 

Subject: Board Item – Action: Stage III submittal:
Reese Phifer Radio & Satellite Farm Relocation
UA Project #000-18-1481

Pursuant to Board Rule 415, The University of Alabama (“University”) has received renderings for the Reese Phifer Radio & Satellite Farm Relocation project (“Project”) and is requesting The Board of Trustees of The University of Alabama (“Board”) to consider approval of the Stage III submittal based on the renderings presented.

The Project will be funded from University Plant Reserves in the amount of \$1,500,000 and will address approximately \$100,000 in campus deferred maintenance liability.

This Project location and program have been reviewed and are consistent with the Campus Master Plan, University Design Standards, and the principles contained therein.

I have attached a Resolution, Executive Summary, Project Summary, Project Planning Report, Location map and Renderings for your review. Subject to your approval, I recommend this item be forwarded to the Chancellor for inclusion as an Action Item on the agenda of the Physical Properties Committee at the Board of Trustees meeting scheduled for June 4 – 5, 2020.

The project is being submitted on a conditional basis and will not proceed to bid until such time as you, as President, authorize the Project to progress.

MMF/ccj

pc w/atchmts:	Michael Rodgers	Tim Leopard	Danny Collins
	Michael Lanier	Sommer Coleman	Andy Maddox

WHERE LEGENDS ARE MADE

RESOLUTION

REESE PHIFER RADIO & SATELLITE FARM RELOCATION

WHEREAS, in accordance with Board Rule 415, on September 6, 2019 The Board of Trustees of The University of Alabama ("Board") approved the Stage I submittal for the Reese Phifer Radio and Satellite Farm Relocation project ("Project"); and

WHEREAS, the Project will include the relocation of existing satellite dishes and antennas from the Reese Phifer area to the Satellite Farm at The University of Alabama Police Department (UAPD) Tower Site and the removal and disposal of the Reese Phifer Communications Tower; and

WHEREAS, in accordance with Board Rule 415, on February 7, 2020, the Board authorized The University of Alabama ("University") to proceed with engineering services utilizing LBYD, Inc., Birmingham, Alabama (LBYD); and

WHEREAS, upon completion of negotiations with LBYD, the University has established a final design fee of 7.6% of the costs of construction and demolition; and

WHEREAS, responsible officials at the University have received renderings for the Stage III submittal and are recommending approval of said design; and

WHEREAS, the Project location and program have been reviewed and are consistent with the Campus Master Plan, University Design Standards and the principles contained therein; and

WHEREAS, the Project will be funded from University Plant Reserves in the amount of \$1,500,000 and will address approximately \$100,000 in campus deferred maintenance liability; and

WHEREAS, the budget for the Project remains as stipulated below:

BUDGET:	CURRENT
Construction	\$ 600,000
Demolition	\$ 100,000
Equipment Relocation	\$ 450,000
Security/Access Control	\$ 50,000
Telecommunication/Data	\$ 75,000
Contingency* (10%)	\$ 70,000
UA Project Management Fee** (3%)	\$ 23,100
Architect/Engineer Fee*** (7.6%)	\$ 53,200
Expenses (Surveys, Testing, Inspections)	\$ 25,000
Other Fees and Services (Advertising, Printing, Postage)	\$ 53,700
TOTAL PROJECT COST	\$ 1,500,000

*Contingency is based on 10% of the costs of construction and demolition.

**UA Project Management Fee is based on 3% of the costs of construction, demolition, and contingency.

***Architect/Engineer Fee is based on 7.6% of the costs of construction and demolition.

NOW, THEREFORE, BE IT RESOLVED by The Board of Trustees of The University of Alabama that the Stage III submittal for the Project is hereby approved.

**EXECUTIVE SUMMARY
PROPOSED CAPITAL PROJECT
BOARD OF TRUSTEES SUBMITTAL**

Meeting Date: June 4 – 5, 2020

CAMPUS: The University of Alabama, Tuscaloosa, Alabama

PROJECT NAME: Reese Phifer Radio & Satellite Farm Relocation

PROJECT LOCATION: 901 University Boulevard and Campus Drive East

ARCHITECT: LBYD, Inc., Birmingham, Alabama

THIS SUBMITTAL:	PREVIOUS APPROVALS:
<input type="checkbox"/> Stage I	<u>September 6, 2019</u>
<input type="checkbox"/> Stage II	<u>February 7, 2020</u>
<input checked="" type="checkbox"/> Stage III	
<input type="checkbox"/> Stage IV	

PROJECT TYPE	SPACE CATEGORIES	PERCENTAGE	GSF
<input type="checkbox"/> New Construction			
<input type="checkbox"/> Building Addition			
<input type="checkbox"/> Building Renovation			
<input checked="" type="checkbox"/> Other	Equipment Shelter Structure	100%	432
TOTAL		100%	432

BUDGET	Current
Construction	\$ 600,000
Demolition	\$ 100,000
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Telecommunication/Data	\$ 75,000
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***Architect/Engineer Fee is based on 7.6% of the costs of construction and demolition.

ESTIMATED ANNUAL OPERATING AND MAINTENANCE (O&M) COSTS:

(Utilities, Housekeeping, Maintenance, Insurance, Other)

GSF x ~\$/GSF:	\$	N/A*
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TOTAL ESTIMATED ANNUAL O&M COSTS:	\$	N/A*
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*This Project entails the relocation of existing communications equipment from the central core of campus and, as such, will not require additional funding as the O&M costs are already funded from the annual operating budget.

FUNDING SOURCE:

Capital Outlay:

University Plant Reserves	\$	1,500,000
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O&M Costs: University Annual Operating Funds	\$	*
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NEW EQUIPMENT REQUIRED:

N/A

RELATIONSHIP & ENHANCEMENT OF CAMPUS PROGRAMS:

The equipment currently located at Reese Phifer Hall supports Alabama Public Television and Alabama Public Radio with significant connectivity to the Digital Media Center, located at Bryant-Denny Stadium. The current availability of fiber connectivity and infrastructure between The University of Alabama Police Department (UAPD) tower site and the Digital Media Center (satellite dishes, antennas and supporting electronic equipment) can be relocated off campus without impairing operations. Optical fiber has significant advantages over copper wiring and allows connectivity over long distances without sacrificing signal loss or bandwidth.

The existing tower behind Reese Phifer Hall is over 60 years old and is approaching the end of its useful life expectancy. The tower is also not constructed to modern codes and represents a potential safety issue for the campus. Removing the services off of the tower, will allow the University to remove the communication tower enhancing the aesthetics of the immediate area and improving safety.

Also, locating all the electronic equipment that supports the antennas and satellite dishes in a central location off campus and connecting to the Digital Media Center via fiber connectivity will provide space to allow for growth of the College of Communication and Information Sciences.

ATTACHMENT NO. 1

Project: Reese Phifer Radio & Satellite Farm Relocation

BOT Submittal: Stage III

Meeting Date: June 4 – 5, 2020

Project Summary**REESE PHIFER RADIO & SATELLITE FARM RELOCATION**

The Reese Phifer Radio & Satellite Farm Relocation project (“Project”) is necessary to relocate the existing satellite dishes and antennas from the Reese Phifer area and tower to the existing University of Alabama Police Department (UAPD) tower site on Campus Drive East.

The tower located adjacent to Reese Phifer was erected in 1955 and is owned by Alabama Public Television (APT). Due to the age and type of the tower, recurring maintenance is required and APT is dependent on state funding and limited donations to maintain the tower. The location in the core of campus is not optimal.

The UAPD tower site, located east of campus, was constructed with space reserved on the tower to accommodate the antennas currently residing on the Reese Phifer tower. In addition, there is undeveloped land, located to the west of the UAPD tower site, available for constructing a satellite farm to house the satellite dishes being relocated and their respective supporting equipment.

This Project includes all necessary network and fiber connections, site development, infrastructure, equipment relocation, and generator required to support the facility and to maintain operational effectiveness. Following relocation, the existing radio tower and remaining satellite dishes will be removed from the area immediately adjacent to Reese Phifer and the area will be available for redevelopment. This will greatly improve the aesthetics of the Reese Phifer Hall common grounds and the Colonial Drive area as well as improve the campus visuals.

THE UNIVERSITY OF ALABAMA SYSTEM
PROJECT PLANNING REPORT
DATE: JUNE 4 - 5, 2020

INITIAL REPORT
X INTERIM REPORT
FINAL REPORT
2 REPORT NO.

TO: OFFICE OF THE CHANCELLOR
BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA

FROM: OFFICE OF THE PRESIDENT
THE UNIVERSITY OF ALABAMA

1. PROJECT: Reese Phifer Radio & Satellite Farm Relocation

2. LOCATION: 901 University Boulevard and Campus Drive East

3. ARCHITECT/ENGINEER: LBYD, Inc., Birmingham, Alabama

4. PROJECT STATUS:

A. SCHEMATIC DESIGN	DATE INITIATED	November-19
	% COMPLETE	100%
	* DATE COMPLETED	December-19
B. PRELIMINARY DESIGN:	DATE INITIATED	March-20
	% COMPLETE	100%
	* DATE COMPLETED	May-20
C. CONSTRUCTION DOCUMENTS:	DATE INITIATED	May-20
	% COMPLETE	75%
	* DATE COMPLETED	June-20
D. SCHEDULED BID DATE:		TBD

5. CURRENT PROJECT BUDGET:

	CURRENT
A. CONSTRUCTION	\$ 600,000
B. DEMOLITION	\$ 100,000
C. EQUIPMENT RELOCATION	\$ 450,000
D. SECURITY/ACCESS CONTROL	\$ 50,000
E. TELECOMMUNICATION/DATA	\$ 75,000
F. CONTINGENCY* (10%)	\$ 70,000
G. UA PROJECT MANAGEMENT FEE ** (3%)	\$ 23,100
H. ARCHITECT/ENGINEER FEE*** (7.6%)	\$ 53,200
I. EXPENSES (SURVEYS, TESTING, INSPECTIONS)	\$ 25,000
J. OTHER FEES AND SERVICES (ADVERTISING, PRINTING, POSTAGE)	\$ 53,700
K. TOTAL PROJECT COST	\$ 1,500,000

*Contingency is based on 10% of the costs of construction and demolition.

**UA Project Management Fee is based on 3% of costs of construction, demolition, and contingency.

***Architect/Engineer fee is based on 7.6% of costs of construction and demolition.

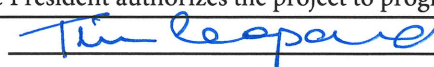
6. FUNDING/RESOURCES: University Plant Reserves - \$1,500,000

7. REMARKS

This project is being submitted on a conditional basis and will not proceed to bid until such time as the President authorizes the project to progress.

* FINAL AGENCY APPROVAL

SUBMITTED BY:



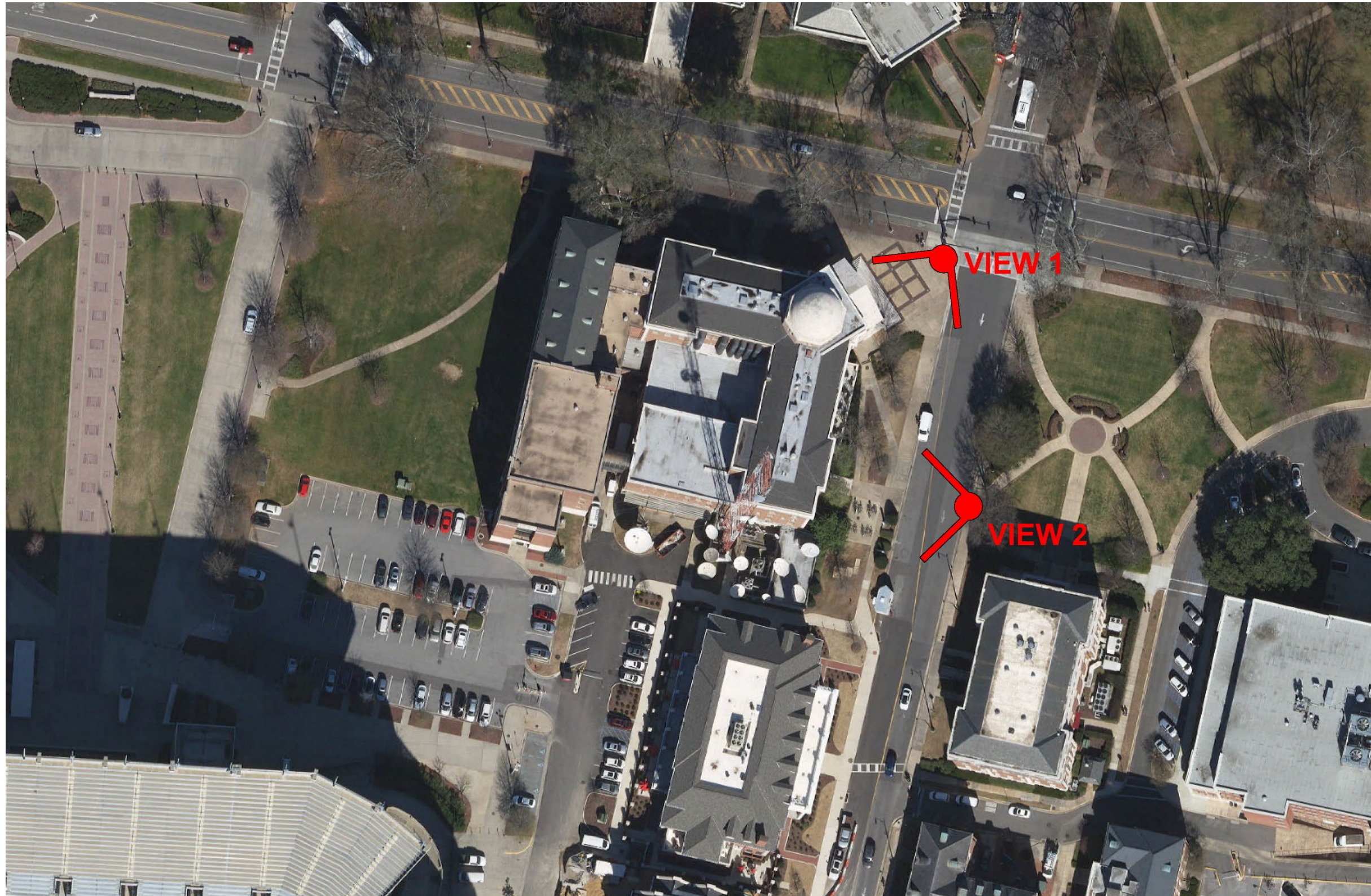
REESE PHIFER RADIO & SATELLITE FARM RELOCATION

LOCATION MAP



REESE PHIFER RADIO & SATELLITE FARM RELOCATION

Vantage Points



REESE PHIFER RADIO & SATELLITE FARM RELOCATION

Vantage Point 1

Corner of University Boulevard and Magnolia Drive
Northeast looking Southwest

Existing



Proposed



REESE PHIFER RADIO & SATELLITE FARM RELOCATION

Vantage Point 2
Magnolia Drive
East looking West

Existing



Proposed

