

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

**\* Board Submittal Checklist No. 2**  
**Capital Project – Stage II and Budget Reallocation Submittals/1**  
**(Architect Ranking, Project Scope and Project Budget) /8**

Campus: The University of Alabama  
Project Name: 2<sup>nd</sup> Avenue Overpass  
Meeting Date: February 2 – 3, 2017

- \* ☒ 1. Completed Board Submittal Checklist No. 2
- ☒ 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 Board Resolution requesting approval of Stage II Submittal (Architect Ranking, Project Scope and Project Budget; authority to proceed with Owner/Architect contract negotiations)
- ☒ 4. Campus correspondence/photos providing supporting project information
- ☒ 5. Completed Executive Summary – Proposed Capital Project. /2
- ☐\* 6. Executive Summary – Architect, Engineer, Selection process (include Interview Outline). /3, /4, /5
- ☐\* 7. Campus letter requesting approval of the ranking of firms and authority to submit to the Physical Properties Committee for approval – signed by the Chair of the Physical Properties Committee and signed by the UA System Vice Chancellor for Finance and Administration. /6
- ☒ 8. Project Planning Report/2
- ☐ 9. Preliminary Business Plan (if applicable)/7
- ☒ 10. Campus map(s) showing Project site

\*Request for Waiver of the Consultant Selection process

Prepared by:



Approved by:



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

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

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

/4 Reference Tab 3L - Board Rule 415 Instructional Guide

/5 Reference Tab 3M - Board Rule 415 Instructional Guide

/6 Reference Tab 3N – Board Rule 415 Instructional Guide

/7 Reference Tab 3V – Board Rule 415 Instructional Guide

/8 After completion of negotiations on Owner/Architect Agreement, provide notification to Chair of the Physical Properties Committee and UA System Vice Chancellor for Finance and Administration.  
Reference Tab 3-O-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.



Division of  
Financial Affairs

# MEMO

December 14, 2016

To: Stuart R. Bell

From: Lynda Gilbert 

Subject: Board Item – Action: Stage II, Consultant Selection Process Waiver and Budget Reallocation submittals: 2<sup>nd</sup> Avenue Overpass

In November 2016, The University of Alabama (“University”) received approval from The Board of Trustees of The University of Alabama (“Board”) for a Stage I submittal for the 2<sup>nd</sup> Avenue Overpass project (“Project”). This Project will enhance emergency responder access and help alleviate delays encountered by the public in route to and from the University by providing an additional access point to campus that is not restricted by the Railroads

The University used a 2007 overpass feasibility study prepared by the team of McGiffert and Associates, LLC, Tuscaloosa, Alabama and Skipper Consulting, Trussville, Alabama, as the basis for the November 2016 submittal. The City of Tuscaloosa engaged the McGiffert and Skipper Consulting team to study the impact of extending the 2<sup>nd</sup> Avenue Corridor from 15<sup>th</sup> Street to Bryant Drive via an elevated overpass across the Kansas City Southern and Norfolk Southern railroads (“Railroads”).

In order to preserve the substantial knowledge base gained during the course of development for the Project, and ensure an efficient transition from the planning to the design phase, the University is requesting approval to waive the Consultant Selection process and to proceed with engineering services utilizing the McGiffert/Skipper team for this Project. McGiffert also has extensive experience designing similar projects on the University campus such as the University Boulevard Improvements and Peter Bryce Boulevard/North Campus Way projects. As such, McGiffert has a unique understanding of University design standards, architectural guidelines and enterprise systems, which will greatly facilitate the design and construction process.

Additionally, the University has negotiated a fee of 5.8% of the cost of construction, security, the non-Alabama Power share of the power line burial, landscaping and bus shelter, plus \$53,400 for Railroad and other permit processing, \$155,138 for Railroad required inspections, \$6,500 for reimbursable expenses, less a \$5,000 credit for University provided landscaping design.

Accordingly, the University is requesting acceptance of this negotiated fee. This fee represents an approximate 5% discount from the state fee schedule for a project of this type.

Furthermore, the University is requesting approval for a budget reallocation to reflect the negotiated fees for this Project.

The Project will be funded from University funds in the amount of \$13,824,663.

I have attached an Executive Summary, Location Map, Resolution, Project Summary and Approval Waiver for the Consultant Selection process 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 of the Board of Trustees meeting scheduled for February 2 – 3, 2017.

LG/ccj

#### Attachments

pc w/atchmts:	Michael Rodgers
	Michael Lanier
	Tim Leopard
	Tom Love
	Richard Powell
	Dan Wolfe

## RESOLUTION

### 2<sup>ND</sup> AVENUE OVERPASS

WHEREAS, pursuant to Board Rule 415, on November 3, 2016, The Board of Trustees of The University of Alabama (“Board”) approved an amendment to The University of Alabama’s (“University”) Campus Master Plan to include the 2<sup>nd</sup> Avenue Overpass project “(Project)”; and

WHEREAS on November 3, 2016, in accordance with Board Rule 415, the Board approved a Stage I submittal for the Project; and

WHEREAS, in order to preserve the substantial knowledge base which has been gained during the course of development for the Project and communications with the Railroads, and to ensure an efficient transition from planning phase to the design phase, the University is requesting approval to waive the Consultant Selection process and to proceed with engineering services utilizing McGiffert and Associates, LLC, Tuscaloosa, Alabama for this Project; and

WHEREAS, the University has negotiated a fee of 5.8% of the cost of construction, security, the non-Alabama Power share of the power line burial, landscaping and bus shelter, plus \$53,400 for Railroad and other permit processing, \$155,138 for Railroad required inspections, \$6,500 for reimbursable expenses, less a \$5,000 credit for University provided landscaping design; and

WHEREAS, the University is requesting approval to accept this negotiated fee; and

WHEREAS, the University is requesting approval for a budget reallocation to reflect the negotiated engineering fee for this Project; and

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

WHEREAS, the Project will be funded from University funds in the amount of \$13,824,663; and

WHEREAS, the revised budget for this Project is as stipulated below:

BUDGET:	REVISED
Construction	\$ 8,700,000
Security	\$ 50,000
Power Line Burial	\$ 1,700,000
Landscaping	\$ 250,000
Bus Shelter	\$ 75,000
Contingency* (5%)	\$ 538,750
Architect/Engineer Fee** (5.8%)	\$ 785,688
UA Project Management Fee*** (3%)	\$ 339,413
Expenses (Railroad permits, flagman, aerial and surface rights)	\$ 850,000
Expenses (Geotech, construction materials testing, inspections, surveys, transportation, field office)	\$ 510,812
Other Project Costs (security, advertising, postage)	\$ 25,000
<b>TOTAL PROJECT COST</b>	<b>\$ 13,824,663</b>

\*Contingency is based on 5% of the cost of construction, security, power line burial, landscaping and bus shelter.

\*\*Architect/Engineer fee is based on 5.8% of the cost of construction, security, the non-Alabama Power share of the power line burial, landscaping and bus shelter, plus \$53,400 for Railroad and other permit processing, \$155,138 for Railroad required inspections, \$6,500 for reimbursable expenses, less a \$5,000 credit for University provided landscaping design.

\*\*\*UA Project Management fee is based on 3% of the cost of construction, security, total cost of power line burial, landscaping, bus shelter and contingency.

NOW, THEREFORE, BE IT RESOLVED by The Board of Trustees of The University of Alabama that the revised budget for this Project as approved as stipulated above.

BE IT FURTHER RESOLVED that Stuart R. Bell, President, Lynda Gilbert, Vice President for Financial Affairs and Treasurer, or those officers named in the most recent Board Resolutions granting signature authority for the University of Alabama be, and each is hereby is, authorized to act for and on behalf of the Board of Trustees to execute an engineering agreement with McGiffert and Associates, LLC, Tuscaloosa, Alabama, for engineering services in accordance with Board Rule 415 for this Project.

ATTACHMENT NO. 1  
Project: 2<sup>nd</sup> Avenue Overpass  
BOT Submittal: Stage II,  
Consultant Selection Process Waiver and  
Budget Reallocation  
Meeting Date: February 2 – 3, 2017

## Project Summary

### 2<sup>ND</sup> AVENUE OVERPASS

The 2<sup>nd</sup> Avenue Overpass project (“Project”) will be constructed over the Kansas City Southern and Norfolk Southern railroads (“Railroads”) that border the south of campus providing an extension of 2<sup>nd</sup> Avenue from Lancaster Road at 15<sup>th</sup> Street to Bryant Drive between Sewell-Thomas Stadium and the School of Law.

The Project is essential to decrease traffic delays and to improve safety conditions and environmental conditions near The University of Alabama (“University”) campus. This will be accomplished by providing an alternative route to the approximately 70,000 vehicles per day that currently cross the at-grade railroad crossings along the southern edge of the University campus.

This Project will consist of converting a portion of the eastern most section of the Coleman Coliseum parking lot into a three-lane road and constructing a three-lane road from the southern end of the overpass to the northern end of Lancaster Road. The roads will include sidewalks, bike lanes and lighting. The overpass cross section will consist of a 10’ bike/pedestrian way, a 3’ clear zone shoulder, two (2) 12’ travel lanes separated by a 14’ turn lane and another 3’ clear zone shoulder at the guardrail. The intersection of the east-west road between Coleman Coliseum and Sewell-Thomas will include a traffic signal and the 15<sup>th</sup> Street intersection will be reworked too.

The Project will be designed to provide parking to the greatest extent possible under the overpass structure in order to minimize the loss of parking. The Project will also require the relocation of Alabama Power and University distribution lines underground and the 115MKV transmission line that runs parallel to the tracks to be raised.

This Project will include all necessary support infrastructures including stormwater, security, and safety equipment, lighting, wayfinding, transit shelter and landscaping.

Currently, the project team is in the process of updating and validating the 2007 overpass feasibility study and the design parameters included in the report. The update, and any design revisions that are required as a result of the the update, will be reflected in the Stage III, Physical Appearance Submittal.

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

Meeting Date: February 2-3, 2017

**CAMPUS:** The University of Alabama, Tuscaloosa, Alabama

**PROJECT NAME:** 2<sup>nd</sup> Avenue Overpass

**PROJECT LOCATION:** Extension of 2<sup>nd</sup> Avenue Corridor from 15<sup>th</sup> Street to Bryant Drive,  
between Sewell-Thomas Stadium and School of Law

**ARCHITECT:** Requesting in this submittal

THIS SUBMITTAL:	PREVIOUS APPROVALS:
<input type="checkbox"/> Campus Master Plan amendment	<u>November 3, 2016</u>
<input type="checkbox"/> Stage I	<u>November 3, 2016</u>
<input checked="" type="checkbox"/> Stage II, Consultant Selection Process waiver	
<input checked="" type="checkbox"/> Budget Reallocation	
<input type="checkbox"/> Stage III	
<input type="checkbox"/> Stage IV	

PROJECT TYPE	SPACE CATEGORIES	PERCENTAGE	GSF
<input type="checkbox"/> Building Construction			
<input type="checkbox"/> Building Resolution			
<input checked="" type="checkbox"/> Campus Infrastructure	Overpass	N/A	N/A
<input type="checkbox"/> Equipment			
<input type="checkbox"/> Other			
<b>TOTAL</b>		<b>N/A</b>	<b>N/A</b>

BUDGET	Current	REVISED
Construction	\$ 8,700,000	\$ 8,700,000
Security	\$ 50,000	\$ 50,000
Power Line Burial	\$ 1,700,000	\$ 1,700,000
Landscaping	\$ 250,000	\$ 250,000
Bus Shelter	\$ 75,000	\$ 75,000
Contingency* (5%)	\$ 538,750	\$ 538,750
Architect/engineer Fee** (5.8%)	\$ 646,500	\$ 785,688
UA Project Management Fee*** (3%)	\$ 339,413	\$ 339,413
Expenses (Railroad permits, flagman, aerial and surface rights)	\$ 850,000	\$ 850,000
Expenses (Geotech, construction materials testing, inspections, surveys, transportation, field office)	\$ 650,000	\$ 510,812
Other fees and services (security, advertising, postage)	\$ 25,000	\$ 25,000
<b>TOTAL PROJECT COST</b>	<b>\$ 13,824,663</b>	<b>\$ 13,824,663</b>

\*Contingency is based on 5% of the cost of construction, security, power line burial, landscaping, and bus shelter.

\*\*Architect/Engineer fee is based on 5.8% of the cost of construction, security, the non-Alabama Power share of the power line burial, landscaping and bus shelter, plus \$53,400 for Railroad and other permit processing, \$155,138 for Railroad required inspections, \$6,500 for reimbursable expenses, less a \$5,000 credit for University provided landscaping design.

\*\*\*UA Project Management fee is based on 3% of the cost of construction, security, total cost of power line burial, landscaping, bus shelter and contingency.

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

(Utilities, Housekeeping, Maintenance, Insurance, Other)

17,100 sf x ~\$1.71/sf	\$	29,210
------------------------	----	--------

<b>TOTAL ESTIMATED ANNUAL O&amp;M COSTS:</b>	<b>\$</b>	<b>29,210</b>
--	-----------	---------------

**FUNDING SOURCE:**

Capital Outlay:

University funds	\$	13,824,663
------------------	----	------------

O&M Costs: Annual lighting, road repairs and bridge maintenance	\$	29,210
---	----	--------

**NEW EQUIPMENT REQUIRED:**

New equipment includes street lights along each side of 2<sup>nd</sup> Avenue from Bryant Drive to approximately 600 feet north of 15<sup>th</sup> Street (south end of University property and north end of Lancaster Road); a decorative traffic signal at the intersection of 2<sup>nd</sup> Avenue and the drive along the north side of Coleman Coliseum; sidewalks; and landscaping.

**RELATIONSHIP & ENHANCEMENT OF CAMPUS PROGRAMS:**

The 2nd Avenue Overpass project ("Project") is a critical link to the area south of campus for general University of Alabama ("University"), emergency responder and event access. Currently there are only two above grade/flyover crossings for campus access (15th Street to Queen City and McFarland Boulevard) and they are approximately 2-1/4 miles apart and at the farthest edges of campus. The other four current access points to the south, that link with major City of Tuscaloosa arterial roads, are all at-grade crossings. These crossings are not only closed numerous times during the day for normal train operations, but are also often closed for railroad maintenance and train siding operations for extended, unplanned periods. This is extremely disruptive for individuals attempting to access campus; and in the case of a major railroad incident, could greatly impact the ability to evacuate or access campus.

This Project will ensure the ability to consistently access campus, and will also increase the ability of the campus to manage traffic volume by adding a 5th access point to the south. In particular, this will greatly enhance event traffic flow from the Coleman Coliseum lot and the new Capstone Parking Deck, as patrons will no longer have to access Bryant Drive. This Project will also support the core master plan principle of keeping traffic and parking to the perimeter of campus so as to minimize pedestrian/vehicular conflicts. This should substantially reduce the amount of crossover traffic at Bryant Drive and Hackberry Lane and Bryant Drive and 2nd Avenue which will enhance pedestrian flow at those intersections.

Finally, this will enhance safety by offsetting the amount of traffic across the above grade crossing, which is a concern.



THE UNIVERSITY OF ALABAMA SYSTEM  
PROJECT PLANNING REPORT  
DATE: February 2 - 3, 2017

X	INITIAL REPORT
	INTERIM REPORT
	FINAL REPORT
1	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: 2nd Avenue Overpass

2. LOCATION: Extension of 2nd Avenue from Lancaster Road to Bryant Drive, between Sewell-Thomas Stadium and School of Law

3. ARCHITECT/ENGINEER: Requesting in this submittal

4. PROJECT STATUS:

A. SCHEMATIC DESIGN

DATE INITIATED

TBD

% COMPLETE

0%

\* DATE COMPLETED

TBD

B. PRELIMINARY DESIGN:

DATE INITIATED

TBD

% COMPLETE

0%

\* DATE COMPLETED

TBD

C. CONSTRUCTION DOCUMENTS:

DATE INITIATED

TBD

% COMPLETE

0%

\* DATE COMPLETED

TBD

D. SCHEDULED BID DATE:

November 1, 2017

5. CURRENT PROJECT BUDGET:

A. CONSTRUCTION

CURRENT

REVISED

B. SECURITY

C. POWER LINE BURIAL

D. LANDSCAPING

E. BUS SHELTER

F. CONTINGENCY\* (5%)

G. ARCHITECT/ENGINEER FEE\*\* (5.8%)

H. UA PROJECT MANAGEMENT FEE\*\*\* (3%)

I. EXPENSES (RAILROAD PERMITS, FLAGMAN, AERIAL AND SURFACE RIGHTS)

J. EXPENSES (GEOTECH, CONSTRUCTION MATERIALS TESTING, INSPECTIONS,

K. OTHER FEES AND SERVICES (SECURITY, ADVERTISING, POSTAGE)

L. TOTAL PROJECT COST

\$	8,700,000
\$	50,000
\$	1,700,000
\$	250,000
\$	75,000
\$	538,750
\$	646,500
\$	339,413
\$	850,000
\$	650,000
\$	25,000

\$	8,700,000
\$	50,000
\$	1,700,000
\$	250,000
\$	75,000
\$	538,750
\$	785,688
\$	339,413
\$	850,000
\$	510,812
\$	25,000

\$ 13,824,663

\$ 13,824,663

\*Contingency is based on 5% of the cost of construction, security, power line burial, landscaping, and bus shelter.

\*\*Architect/Engineer fee is based on 5.8% of the cost of construction, security, the non-Alabama Power share of the power line burial, landscaping and bus shelter plus \$53,400 for Railroad and other permit processing, \$155,138 for Railroad required inspection, \$6,500 for reimbursable expenses, less a \$5,000 credit for University provided landscaping design.

\*\*\*UA Project Management fee is based on 3% of the cost of construction, security, total cost of power line burial, landscaping, bus shelter and contingency.

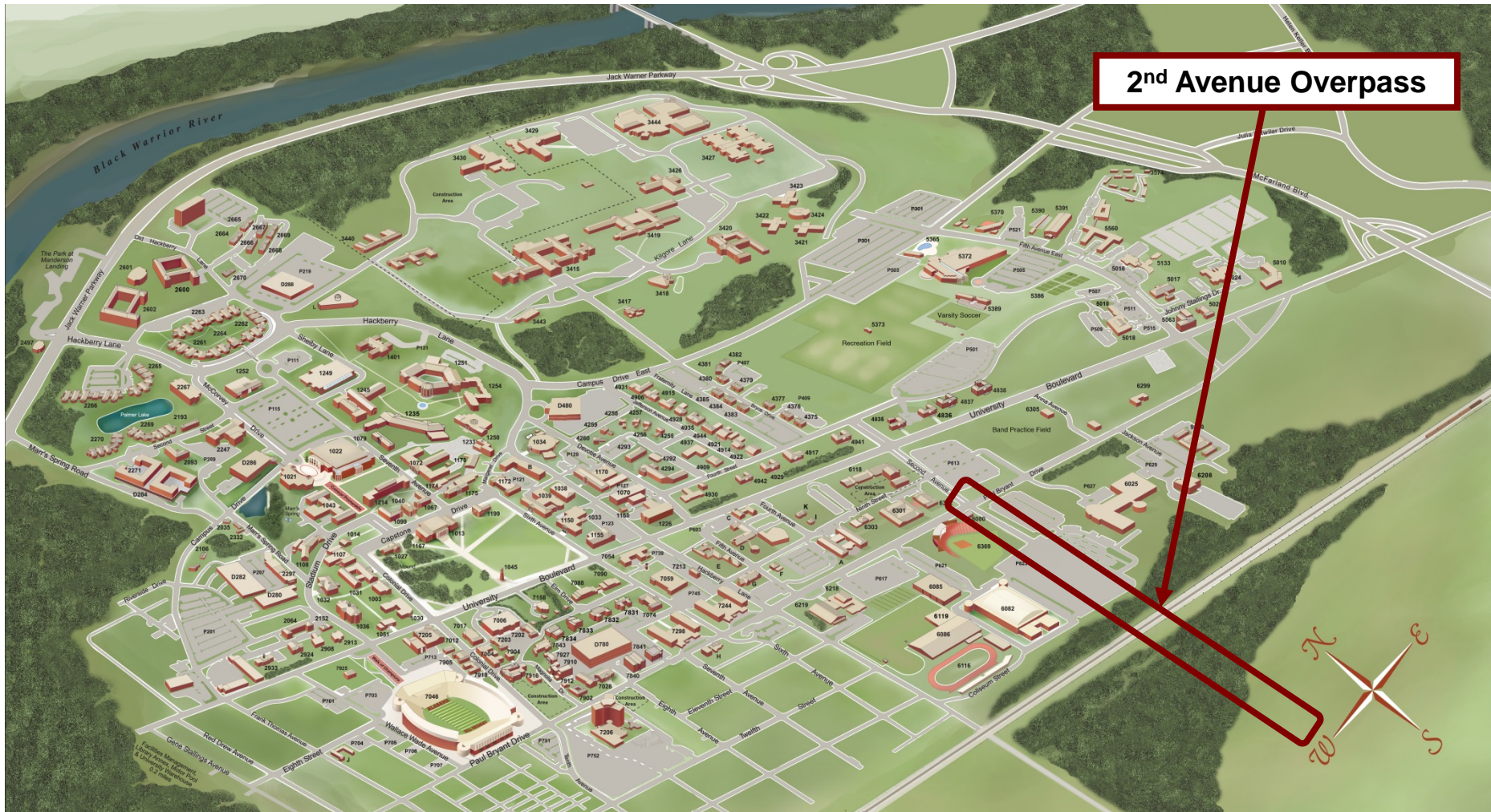
6. FUNDING/RESOURCES:

7. REMARKS

\* FINAL AGENCY APPROVAL

SUBMITTED BY: 

# LOCATION MAP





# 2<sup>ND</sup> AVENUE OVERPASS APPROXIMATE ROADWAY ALIGNMENT

