

**UNIVERSITY OF ALABAMA SYSTEM
BOARD RULE 415
BOARD SUBMITTAL CHECKLIST CRITERIA**

**BOARD SUBMITTAL CHECKLIST NO. 4
CAPITAL PROJECT - STAGE IV SUBMITTAL ^{/1}
(Construction Contract Award)**

CAMPUS: The University of Alabama, Tuscaloosa, Alabama

PROJECT NAME: Colonial Dr and University Blvd Infrastructure & Enhancements

MEETING DATE: April 11-12, 2024

- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | 1. Board Submittal Checklist No. 4 |
| <input checked="" type="checkbox"/> | 2. Transmittal Letter to Chancellor from Campus President requesting project be placed on the agendas for the forthcoming Physical Properties Committee and Board of Trustees (or Executive Committee) Meetings |
| <input checked="" type="checkbox"/> | 3. Proposed Board Resolution requesting approval of Construction Contract Award, Construction Budget and Project Budget by the Board of Trustees |
| <input checked="" type="checkbox"/> | 4. Executive Summary of Proposed Capital Project with final Contract Construction Budget and Project Budget (include all proposed project funding for movable equipment and furnishings) ^{/2} |
| <input checked="" type="checkbox"/> | 5. Tabulation of competitive bids – certified by Project Architect/Construction Manager |
| <input checked="" type="checkbox"/> | 6. Recommendations for Contract Award by Architect/Construction Manager |
| <input checked="" type="checkbox"/> | 7. Campus Map(s) showing project site |
| <input type="checkbox"/> | 8. Final Business Plan (if applicable) ^{/3} |

Prepared by: Jeremy Wood

Approved by:

Tim Leopard

OK
Ch. Clark
3/4/24

^{/1} Reference Tab 3I - Board Rule 415 Instructional Guide

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

^{/3} Reference Tab 3V - Board Rule 415 Instructional Guide



Office of the
President

March 4, 2024

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 approval under Board Rule 415 the attached documents for a Stage IV submittal for the Colonial Drive and University Boulevard Infrastructure and Enhancements project.

The resolution requests authorization to award the construction contract for Construction Package A – Colonial Drive and University Boulevard 2024 and approval of the revised and reallocated project budget.

The item has been thoroughly reviewed and has my endorsement. With your concurrence, I ask that it be added to the agenda for The Board of Trustees at their regular meeting on April 11-12, 2024.

Sincerely,

A handwritten signature in black ink, appearing to read "Stuart R. Bell". The signature is stylized with large, flowing loops.

Stuart R. Bell
President

Enclosure



THE UNIVERSITY OF ALABAMA

Approving the revised project budget; granting authorization to execute a Construction Contract for the Colonial Drive and University Boulevard Infrastructure and Enhancements

RESOLUTION

WHEREAS, on September 1, 2023, in accordance with Board Rule 415, the Board of Trustees of The University of Alabama (“Board”) approved a Stage I submittal for the Colonial Drive and University Boulevard Infrastructure and Enhancements project (“Project”) to be located along Colonial Drive between Carmichael Hall and Judy Bonner Drive, including the intersection of University Boulevard; and

WHEREAS, the Project is a continuation and extension of the Colonial Drive Enhancements project previously completed south of Judy Bonner Drive and will cohesively complete the area following the completion of Sigma Kappa Sorority and Drummond Lyon Hall; and

WHEREAS, the Project will address necessary upgrades and distribution of utilities and infrastructure as well as add lighting, improved connectivity, and landscaping along the heavily traveled corridor in coordination with future projects to holistically address sanitary and stormwater system deficiencies; and

WHEREAS, existing infrastructure is aged and under capacity, causing flooding of the roadway, sidewalks, and facilities to occur during significant rain events; and

WHEREAS, the Project will improve the storm drainage system to facilitate the removal of stormwater in the intersection of University Boulevard and Colonial Drive and in the immediate surrounding areas during high rainfall events to mitigate the impacts to pedestrians, traffic flow, and facilities and will allow for future extension and connectivity of the system; and

WHEREAS, the installation of additional lighting and sidewalk improvements will support enhanced safety and security and will improve vehicular and pedestrian flow and connectivity as well as add ADA ramps and accessories; and

WHEREAS, the Project includes the isolated re-construction of the University Boulevard roadway involving the removal of existing concrete and asphalt paving and provides a finished roadway that includes two vehicular travel lanes, bike lanes, and a center turn lane; and

WHEREAS, as part of the University of Alabama’s (“University”) master plan for thermal energy distribution, the University has previously completed the Tutwiler Energy Plant, East Quad Energy Plant, the interconnection of the system with Shelby Energy Plant and numerous building connections and the Campus Energy Delivery Optimization Project; and

WHEREAS, this Project will allow for Reese Phifer Hall to be served by the Campus Energy Delivery System, to replace systems that have reached the end of their functional service life, and to provide heating capacity to the building prior to the retirement of the steam distribution system, and elimination of the existing local equipment will allow for service areas and space to be reallocated to other purposes within the building; and

WHEREAS, to mitigate the effects of continued supply chain challenges associated with long lead equipment, the Project includes an Owner Furnished Contractor Installed (“OFCI”) Equipment package to procure items such as Thermal Piping and Valves; and

WHEREAS, on November 3rd, 2023, in accordance with Board Rule 415, the Board approved the top ranked engineering firm and authorized officials of The University of Alabama (“University”) to proceed with negotiations with Duncan Coker Associates, PC (“Duncan Coker”) of Tuscaloosa, Alabama; and

WHEREAS, upon completion of negotiations with Duncan Coker, Tuscaloosa, Alabama, the University established a final design fee of 6.0% of the cost of construction Packages A and B, plus Owner Furnished Contractor Installed Equipment, plus \$22,500 in additional services and reimbursable expenses, less a reduction of Base Fee by 0.5 percentage point in the amount of \$59,242 representing a savings to the University of approximately 8.5% of the standard fee; and

WHEREAS, the Project was previously approved to be executed as a single construction package, however, in coordination with ongoing work across campus and to strategically minimize the impact of construction and create the least disruption to students, faculty, staff, and visitors to the University during the Summer of 2024, the scope of work would be best executed by balancing across Summer 2024 and Summer 2025, which would also further minimize impacts to the ongoing McLure Library Addition and Renovation Project; and

WHEREAS, the University desires to phase the project into Construction Package A – Colonial Drive and University Boulevard 2024 (“Package A”); and Construction Package B – University Boulevard 2025 (“Package B”); and is requesting approval to add Construction Package B to the project; and

WHEREAS, on February 27, 2024, pursuant to Title 39, Public Works provisions of the Code of Alabama, competitive bids were received for Construction Package A – Colonial Drive and University Boulevard 2024 and John Plott Company, Inc. of Tuscaloosa, Alabama (“John Plott”) was declared the lowest responsible bidder with a base bid in the amount of \$5,654,386 as referenced on the certified bid tab; and

WHEREAS; the University desires to accept Alternate 1 – Extension of Street Replacement along Colonial Drive to Capstone Drive for \$187,255, Alternate 2 – Watermain along Capstone Drive for \$199,994, and Alternate 3 - Grout Fill of Abandoned Steam Tunnel for \$216,805; and

WHEREAS; the University is requesting approval to award the Construction Contract for Package A to John Plott for a total contract amount of \$6,258,440 including the base bid and Alternates 1-3; and

WHEREAS, the University is requesting approval of the Revised and Reallocated Project Budget from \$17,808,000 to \$15,000,000 to reflect the current construction packaging, bid results for Package A, and the associated adjustments to soft costs; and

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

WHEREAS, the Project will be funded from University Central Reserves in the amount of \$15,000,000 and will eliminate campus deferred maintenance liabilities in the amount of \$14,246,400; and

WHEREAS, the Revised and Reallocated Budget for the project is as stipulated below:

BUDGET:		REVISED
Construction Package A – Colonial Drive and University Boulevard 2024	\$	6,258,440
Construction Package B – University Boulevard 2025	\$	4,800,000
Owner Furnished Contractor Installed (OFCI)	\$	
Equipment		790,000
Security/Access Control	\$	50,000
Contingency ¹ (10%)	\$	1,184,844
UA Project Management Fee ² (4.5%)	\$	586,498
Architect/Engineer Fee ³ (6.1%)	\$	674,164
Other ⁴	\$	222,254
Escalation ⁵ (7.5%)	\$	433,800
TOTAL PROJECT COST	\$	15,000,000

¹Contingency is based on 10% of the cost of Construction Packages A and B, and OFCI Equipment.

²UA Project Management Fee is based on 4.5% of the cost of Construction Packages A and B, OFCI Equipment and Contingency.

³Architect/Engineer Fee is based on 6.0% of the costs of Construction Packages A and B, and OFCI Equipment, plus \$22,500 for additional services and reimbursables, and less a reduction in Base Fee by 0.5 percentage points in the amount of \$59,242.

⁴Other expenses include Geotech, Construction Materials Testing, Inspections, Advertising, Printing, and other associated project costs, as applicable.

⁵Escalation is currently based on an anticipated 1% inflation per month through September 2024, and 0.5% per month thereafter. Therefore, escalation is calculated on a 7.5% basis for Package B related construction and soft costs based on the anticipated bid date of February 2025.

Current Package for Contract Award Approval

NOW, THEREFORE, BE IT RESOLVED by The Board of Trustees of The University of Alabama that:

1. The Budget Revision and Reallocation for the Project is hereby approved as stipulated above.

BE IT FURTHER RESOLVED that Stuart R. Bell, President, Cheryl Mowdy, Interim Vice President for Finance and Operations and Treasurer, or those officers named in the most recent Board Resolutions granting signature authority for The University of Alabama be, and each hereby is, authorized to act for and on behalf of the Board of Trustees to execute the aforementioned contract with John Plott Company, Inc. of Tuscaloosa, Alabama for Construction of Package A – Colonial Drive and University Boulevard 2024 in accordance with Board Rule 415 for this Project.

EXECUTIVE SUMMARY
PROPOSED CAPITAL PROJECT
BOARD OF TRUSTEES SUBMITTAL

MEETING DATE:	<u>April 11-12, 2024</u>
CAMPUS:	<u>The University of Alabama, Tuscaloosa, Alabama</u>
PROJECT NAME:	<u>Colonial Drive and University Boulevard Infrastructure and Enhancements</u>
PROJECT NUMBER:	<u>TRN-23-3384</u>
PROJECT LOCATION:	<u>Between Carmichael Hall and Judy Bonner Drive on Colonial Drive and University Boulevard</u>
ARCHITECT:	<u>Duncan Coker Associates, PC, Tuscaloosa, Alabama</u>

THIS SUBMITTAL:

- ☐ Stage I
- ☐ Stage II
- ☐ Campus Master Plan Amendment
- ☐ Stage III
- ☒ Stage IV – Package A

PREVIOUS APPROVALS:

September 1, 2023
November 2-3, 2023

PROJECT TYPE	SPACE CATEGORIES	PERCENTAGE	GSF
<input type="checkbox"/> Building Construction			
<input type="checkbox"/> Building Addition			
<input checked="" type="checkbox"/> Campus Infrastructure	Central Utility & Mechanical, Other	100%	N/A
<input type="checkbox"/> Equipment			
<input type="checkbox"/> Other			
TOTAL		100%	N/A

BUDGET	Current		Revised	
Construction Package A – Colonial Drive & University Boulevard Summer 2024	\$	12,960,000	\$	6,258,440
Construction Package B – University Boulevard Summer 2025	\$	0	\$	4,800,000
Owner Furnished Contractor Installed (OFCI) Equipment	\$	790,000	\$	790,000
Security/Access Control	\$	0	\$	50,000
Contingency ¹ (10%)	\$	1,375,000	\$	1,184,844
UA Project Management Fee ² (4.5%)	\$	680,625	\$	586,498
Architect/Engineer Fee ³ (6.1%)	\$	811,250	\$	674,164
Other ⁴	\$	183,125	\$	222,254
Escalation ⁵ (7.5%)	\$	1,008,000	\$	433,800
TOTAL PROJECT COST	\$	17,808,000	\$	15,000,000
Total Construction Cost per square foot – N/A				

¹Contingency is based on 10% of the costs of Construction Packages A and B, and OFCI Equipment.

²UA Project Management Fee is based on 4.5% of the costs of Construction Packages A and B, OFCI Equipment, and Contingency.

³Architect/Engineer Fee is based on 6.0% of the costs of Construction Packages A and B, and OFCI Equipment, plus \$22,500 for additional services and reimbursables, and less a reduction in Base Fee by 0.5 percentage points in the amount of \$59,242.

⁴Other fees and expenses include Geotech, Construction Materials Testing, Inspections, Advertising, Printing, and other associated project costs, as applicable.

⁵Escalation is currently based on an anticipated 1% inflation per month through September 2024, and 0.5% per month thereafter. Therefore, escalation is calculated on a 7.5% basis for Package B related construction and soft costs based on the anticipated bid date of February 2025.

Current Package for Contract Award Approval.

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

(Utilities, Custodial, Maintenance, Insurance, Other)

\$ N/A

Total Estimated Annual O&M Costs:

\$ N/A*

*Connection of existing facilities to the Central Thermal System will yield operational and maintenance savings due to the enhanced energy efficiency of the system.

FUNDING SOURCE:

University Central Reserves \$ 15,000,000

O&M Costs:

University Annual Operating Funds \$ N/A

NEW EQUIPMENT REQUIRED

Thermal Piping and Valves, Long Lead Storm Grates

\$790,000

**Total
Equipment
Costs:**

\$790,000

PROJECT SCOPE:

The Colonial Drive and University Boulevard Infrastructure and Enhancements Project (“Project”) will improve the teaching, learning, and working environments of campus constituents by providing reliable and efficient thermal energy to facilities by replacing systems which have reached the end of their functional service life. By connecting the existing facilities to the central system, which features efficient and centralized equipment in the energy plants, the Project will free campus exterior space currently occupied by existing equipment for other uses including, but not limited to, parking, landscaping, and hardscape improvements. Furthermore, reducing the cost to provide cooling and heating to buildings will support The University of Alabama (“University”) in maintaining a competitive cost of attendance.

This Project will include rerouting the sanitary sewer that is currently running under Reese Phifer Hall and McClure Library, new thermal piping routed to Reese Phifer Hall and connection to the Central Thermal System, storm sewer at the intersection of University Boulevard and Colonial Drive, replacement of critical water lines, and extension of UA natural gas to create system redundancy, as well as improvements to the roadways including paving, road markings, landscaping, bike paths, lighting and security.

Long lead items will be Owner Purchased Contractor Installed to mitigate the effect of continued supply chain challenges. The Project will facilitate the removal of concrete paving under University Boulevard in advance of future University Boulevard enhancement projects. The Project will also address the mitigation of flooding risk present at Doster and Reese Phifer Hall, as well as support future flood mitigation on University Boulevard and the Quad.

The Project has been separated into two (2) packages: Package A – Colonial Drive and University Boulevard 2024 (“Package A”), which includes critical infrastructure and utility improvements within Colonial Drive and 9th Avenue; and Package B – University Boulevard 2025 (“Package B”), which includes critical infrastructure and utility improvements within University Boulevard on the West side of Campus.

The Project was separated into two packages to better level and coordinate the amount of ongoing civil and infrastructure projects during the Summer and to better coordinate with the McClure Library Renovation and Addition project which requires access during the Summer of 2024 to expedite work along University so that access can be returned in time for Fall 2024 classes.

The Project is key to enhancing the pedestrian and vehicular traffic to and from the academic core of campus as a continuation of the Colonial Drive enhancements previously completed south of Judy Bonner Drive. This corridor is a key pedestrian and transportation link to the campus for both on and off campus residents and serves as a gateway for many to the University.

The Project will also address significant deferred maintenance and facility renewal liabilities for the Campus by replacing existing undersized local utility Infrastructure that serves Reese Phifer Hall and aging sanitary sewer systems with more centralized and modern equipment.

PROJECT STATUS – Construction Package A – Colonial Drive and University Blvd. 2024		
SCHEMATIC DESIGN:	Date Initiated	September 23
	% Complete	100%
	Date Completed	October 23
PRELIMINARY DESIGN:	Date Initiated	October 2023
	% Complete	1000%
	Date Completed	December 2023
CONSTRUCTION DOCUMENTS:	Date Initiated	December 2023
	% Complete	100%
	Date Completed	February 2024
BID DATE: (Package A)		February 27, 2024

PROJECT STATUS – Construction Package B – University Boulevard 2025		
SCHEMATIC DESIGN:	Date Initiated	August 24
	% Complete	100%
	Date Completed	October 24
PRELIMINARY DESIGN:	Date Initiated	October 2024
	% Complete	100%
	Date Completed	December 2024
CONSTRUCTION DOCUMENTS:	Date Initiated	December 2024
	% Complete	30%
	Date Completed	February 2025
SCHEDULED BID DATE: (Package B)		February 2025*

*Escalation as included within the Budget is based on the scheduled bid date and shall be adjusted as necessary should this date move.

RELATIONSHIP AND ENHANCEMENT OF CAMPUS PROGRAMS

This Project will improve the common areas between the buildings and improve the roadways with paving, road markings, landscaping, bike paths, sidewalks, lighting and security. These areas are highly used on game days and security improvements are recommended and will be coordinated with the overall stadium security plan.

This Project will support the core master plan principle of keeping traffic and parking to the perimeter of campus to minimize pedestrian/vehicular conflicts. This work should substantially enhance access for both pedestrians and cyclists with improved sidewalks and identified bike lanes. The Project will also reduce the cost to provide heating and cooling to campus buildings, remediate flooding risks, and address campus deferred maintenance liabilities, which will support the University in maintaining a competitive cost of attendance.

Maintaining comfortable, pleasant and continuously operating facilities is an important part of recruiting and retaining top tier students, faculty, researchers, and staff. Reducing the quantity of noisy and unsightly mechanical equipment and increasing the reliability of the overall systems helps achieve this goal.

The Project will address significant campus deferred maintenance liabilities by replacing numerous independent systems, which are nearing or have surpassed expected service life, and will aid in the decommissioning of the steam plant.

TABULATION OF BIDS



Project Name
Colonial Drive and University Blvd Infrastructure and Enhancements

Bid Due
February 27, 2024 1:00 p.m. local time

Architect/Engineer
Duncan Coker Associates, P.C.
302 Merchants Walk, Suite 250
Tuscaloosa, Alabama 35406
phone: (205) 561-0808

UA Project No.
TRN-23-3384

Bid Location
405 Cahaba Circle
Tuscaloosa, Alabama 35404

FUNDS AVAILABLE: twelve million nine hundred sixty thousand dollars and 00/100 (\$12,960,000.00)

BIDS SHALL BE VALID FOR: Sixty (60) Consecutive Calendar Days

CONSTRUCTION DURATION: Completion date of August 3, 2024

CONTRACTOR			John Platt Company, Inc.	CivilCON, LLC	REV Construction, Inc.		
Addenda ONE through FOUR			P.O. Box 20183 Tuscaloosa, AL 35402 GC License # 9266 <div><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</div>	P.O. Box 87 Duncanville, AL 35456 GC License # 59175 <div><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</div>	5801 Grover Burchfield Dr. Tuscaloosa, AL 35401 GC License # 40131 <div><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</div>		
			LICENSE # ON ENVELOPE				
BONDING COMPANY OR BID DEPOSIT			Western Surety Company	Atlantic Specialty Insurance Co.	Travelers Casualty and Surety Company of America		
Item No.	Estimated Quantity	Unit	Description	Unit Price	Total	Unit Price	Total
Colonial Drive and University Boulevard Enhancements							
1	1	l.s.	Mobilization & Demobilization	\$ 103,129.00	\$ 103,129.00	\$ 246,315.00	\$ 246,315.00
2	1	l.s.	ADEM Permitting, Monitoring, and Reporting	\$ 18,244.34	\$ 18,244.34	\$ 14,385.00	\$ 14,385.00
3	1	l.s.	Construction Layout	\$ 27,600.00	\$ 27,600.00	\$ 24,000.00	\$ 24,000.00
4	1	l.s.	GPS of Utilities and As-Built Drawings	\$ 23,000.00	\$ 23,000.00	\$ 20,000.00	\$ 20,000.00
5	1	l.s.	UA Bronze Utility Marker and Storm Inlet Marker Installation	\$ 5,037.38	\$ 5,037.38	\$ 2,500.00	\$ 2,500.00
6	1	l.s.	Adjustment of All Existing Manhole, Vault, Etc. Covers to Finish Grade	\$ 2,877.68	\$ 2,877.68	\$ 9,450.00	\$ 9,450.00
7	750	s.y.i.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 Type "B" for Temporary Pedestrian Pathways (Minimum 4" Compacted Thickness with Filter Fabric) - To Be Used and Installed in Locations As Directed by the Owner's Representative)	\$ 9.96	\$ 7,470.00	\$ 12.05	\$ 9,037.50
8	10	each	Traffic / Pedestrian Control Signage (Contractor Provided and Installed)	\$ 977.50	\$ 9,775.00	\$ 850.00	\$ 8,500.00
9	25	each	Traffic / Pedestrian Control Signage (UA Provided and Contractor Installed)	\$ 172.50	\$ 4,312.50	\$ 150.00	\$ 3,750.00
10	20	each	Traffic / Pedestrian Wayfinding Signage (UA Provided and Contractor Installed)	\$ 230.00	\$ 4,600.00	\$ 200.00	\$ 4,000.00
11	500	each	Traffic Control, Drums	\$ 32.20	\$ 16,100.00	\$ 28.00	\$ 14,000.00
12	20	each	Traffic Control, Barricades, Type 3	\$ 247.25	\$ 4,945.00	\$ 215.00	\$ 4,300.00
13	4	each	Traffic Control, Portable Message Boards	\$ 2,175.88	\$ 8,703.52	\$ 2,250.00	\$ 9,000.00
14	1,000	l.f.	Traffic Control, Jersey Barriers (Yo-Docks) with Fence Panels (no windscreen)	\$ 13.80	\$ 13,800.00	\$ 40.15	\$ 40,150.00
15	500	l.f.	Tree Protection (orange Snow Mesh with Metal "T" Posts)	\$ 5.37	\$ 2,685.00	\$ 3.35	\$ 1,675.00
16	1,300	l.f.	Post-Driven Site Constraint Fencing	\$ 42.84	\$ 55,692.00	\$ 37.25	\$ 48,425.00
17	8	each	Construction Exit Pad	\$ 2,263.10	\$ 18,104.80	\$ 2,175.00	\$ 17,400.00
18	15,000	s.y.i.p.	Erosion Control - Temporary Grassing / Mulching (hydraulic application)	\$ 0.26	\$ 3,900.00	\$ 0.57	\$ 8,550.00
19	10,000	s.y.i.p.	Erosion Control - Temporary Mulching Only (hydraulic application)	\$ 0.21	\$ 2,100.00	\$ 0.57	\$ 5,700.00
20	5,000	s.y.i.p.	Erosion Control - Temporary Polyethylene or Geotextile Fabric	\$ 1.10	\$ 5,500.00	\$ 2.70	\$ 13,500.00
21	2,000	l.f.	Erosion Control - Type "A" Silt Fence	\$ 2.85	\$ 5,700.00	\$ 4.03	\$ 8,060.00
22	1,000	l.f.	Erosion Control - Wattles	\$ 5.43	\$ 5,430.00	\$ 6.99	\$ 6,990.00
23	36	each	Erosion Control - Inlet Protection (All Types)	\$ 511.80	\$ 18,424.80	\$ 436.00	\$ 15,696.00
24	2,000	each	Erosion Control - Sand Bags	\$ 6.47	\$ 12,940.00	\$ 4.69	\$ 9,380.00
25	75	l.f.	Erosion Control - Rock Filter Check Dams	\$ 57.82	\$ 4,336.50	\$ 65.64	\$ 4,923.00
26	2	each	Erosion Control - Sediment Trap	\$ 548.93	\$ 1,097.86	\$ 500.00	\$ 1,000.00

27	1	l.s.	Earthwork	\$	173,316.25	\$	173,316.25	\$	472,909.07	\$	472,909.07	\$	155,000.00	\$	155,000.00
28	7,820	s.y.i.p.	Saw-Cut and Removal of Existing Exterior Asphalt or Concrete Surfaces (Includes Salvage of Old Trestle Rails)	\$	7.70	\$	60,214.00	\$	14.43	\$	112,842.60	\$	25.00	\$	195,500.00
29	1	l.s.	Demolition (Miscellaneous Site Items)	\$	28,582.82	\$	28,582.82	\$	377,200.00	\$	377,200.00	\$	25,000.00	\$	25,000.00
30	3,500	s.y.i.p.	Geotextile Fabric (To Be Used Only as Directed by the Owner's Representative)	\$	2.30	\$	8,050.00	\$	4.23	\$	14,805.00	\$	8.00	\$	28,000.00
31	2,000	c.y.i.p.	Unsuitable Material Excavation, Off-Site Disposal, Replacement (To Be Used Only As Directed By The Owner's Representative)	\$	32.71	\$	65,420.00	\$	19.41	\$	38,820.00	\$	40.00	\$	80,000.00
32	350	s.y.i.p.	Concrete Sidewalks	\$	83.38	\$	29,183.00	\$	71.53	\$	25,035.50	\$	110.00	\$	38,500.00
33	2,000	s.y.i.p.	Concrete Sidewalk with Integral Curb	\$	89.70	\$	179,400.00	\$	81.25	\$	162,500.00	\$	120.00	\$	240,000.00
34	470	s.y.i.p.	Concrete Pavement	\$	85.10	\$	39,997.00	\$	102.03	\$	47,954.10	\$	125.00	\$	58,750.00
35	1,450	l.f.	6" Curb	\$	27.60	\$	40,020.00	\$	25.50	\$	36,975.00	\$	35.00	\$	50,750.00
36	75	l.f.	6" Curb (Brick)	\$	103.50	\$	7,762.50	\$	93.00	\$	6,975.00	\$	90.00	\$	6,750.00
37	300	l.f.	12" Tall Landscape Wall (Doster Hall Area)	\$	97.75	\$	29,325.00	\$	42.50	\$	12,750.00	\$	125.00	\$	37,500.00
38	1	l.s.	Steps and Handrails (North Side of Doster Hall)	\$	9,545.00	\$	9,545.00	\$	4,752.00	\$	4,752.00	\$	15,000.00	\$	15,000.00
39	1	l.s.	Walls and Handrails (Doster Hall Service Ramp Area)	\$	31,458.25	\$	31,458.25	\$	15,528.00	\$	15,528.00	\$	40,000.00	\$	40,000.00
40	2,820	s.y.i.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 Type "B" (Sidewalk and Concrete Pavement Areas) (4" Compacted Thickness)	\$	15.93	\$	44,922.60	\$	11.35	\$	32,007.00	\$	15.00	\$	42,300.00
41	4,700	s.y.i.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 Type "B" (Asphalt Pavement Areas) (12-1/2" Compacted Thickness Placed in Two (2) Equal Layers) (Includes Crushed Stone Beneath Curbs)	\$	32.50	\$	152,750.00	\$	28.38	\$	133,386.00	\$	33.00	\$	155,100.00
42	250	ton	Superpave Bituminous Concrete Binder Layer, Leveling, ALDOT 424A, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D	\$	143.26	\$	35,815.00	\$	115.00	\$	28,750.00	\$	180.00	\$	45,000.00
43	4,450	s.y.i.p.	Superpave Bituminous Concrete Binder Layer, ALDOT 424B, 1" Maximum Aggregate Size Mix, ESAL Range C/D (440 lb/sy)(Includes Tack Coat)	\$	29.76	\$	132,432.00	\$	22.60	\$	100,570.00	\$	38.00	\$	169,100.00
44	5,350	s.y.i.p.	Superpave Bituminous Concrete Wearing Surface, ALDOT 424A, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D (165 lb/sy) (Includes Tack Coat)	\$	15.72	\$	84,102.00	\$	10.15	\$	54,302.50	\$	20.00	\$	107,000.00
45	900	s.y.i.p.	Milling of Existing Asphalt	\$	2.09	\$	1,881.00	\$	7.06	\$	6,354.00	\$	3.00	\$	2,700.00
46	4,560	l.f.	Temporary Traffic Striping (All Types and Color)	\$	0.58	\$	2,644.80	\$	0.50	\$	2,280.00	\$	1.00	\$	4,560.00
47	1	l.s.	Temporary Traffic Markings, Matching Permanent (All Types and Color)	\$	11,068.75	\$	11,068.75	\$	9,625.00	\$	9,625.00	\$	14,000.00	\$	14,000.00
48	1	l.s.	Temporary Traffic Legends, Matching Permanent (All Types and Color)	\$	2,173.50	\$	2,173.50	\$	1,890.00	\$	1,890.00	\$	3,000.00	\$	3,000.00
49	10	each	Permanent Traffic Legends, Class 1, Type 'A' (Bus)	\$	92.00	\$	920.00	\$	80.00	\$	800.00	\$	120.00	\$	1,200.00
50	10	each	Permanent Traffic Legends, Class 1, Type 'A' (Only)	\$	92.00	\$	920.00	\$	80.00	\$	800.00	\$	120.00	\$	1,200.00
51	1	each	Permanent Traffic Legends, Class 2, Type 'A' (Only)	\$	258.75	\$	258.75	\$	225.00	\$	225.00	\$	325.00	\$	325.00
52	28	each	Permanent Traffic Markings, Class 1, Type 'A', Bike Symbol	\$	46.00	\$	1,288.00	\$	40.00	\$	1,120.00	\$	60.00	\$	1,680.00
53	4	each	Permanent Traffic Markings, Class 2, Type 'A', Bike Symbol	\$	230.00	\$	920.00	\$	200.00	\$	800.00	\$	300.00	\$	1,200.00
54	153	l.f.	Permanent Traffic Markings, Class 1, Type 'A', Stop Bar	\$	6.90	\$	1,055.70	\$	6.00	\$	918.00	\$	9.00	\$	1,377.00
55	30	l.f.	Permanent Traffic Markings, Class 2, Type 'A', Stop Bar	\$	23.00	\$	690.00	\$	20.00	\$	600.00	\$	30.00	\$	900.00
56	365	l.f.	Permanent Traffic Markings, Class 1, Type 'A', Crosswalk	\$	6.90	\$	2,518.50	\$	6.00	\$	2,190.00	\$	9.00	\$	3,285.00
57	285	l.f.	Permanent Traffic Markings, Class 2, Type 'A', Crosswalk	\$	23.00	\$	6,555.00	\$	20.00	\$	5,700.00	\$	30.00	\$	8,550.00
58	11	each	Permanent Traffic Markings, Class 1, Type 'A', Arrows	\$	86.25	\$	948.75	\$	75.00	\$	825.00	\$	110.00	\$	1,210.00
59	1	each	Permanent Traffic Markings, Class 2, Type 'A', Arrows	\$	201.25	\$	201.25	\$	175.00	\$	175.00	\$	300.00	\$	300.00
60	105	l.f.	Permanent Traffic Markings, Class 2, Type 'A', 24" Yellow Hatch	\$	23.00	\$	2,415.00	\$	20.00	\$	2,100.00	\$	29.00	\$	3,045.00
61	2,490	s.f.i.p.	Permanent Traffic Markings, Bike Zone (Green)	\$	10.93	\$	27,215.70	\$	9.50	\$	23,655.00	\$	14.00	\$	34,860.00
62	2,830	l.f.	Permanent Traffic Striping, Solid White, Class 1, Type 'A'	\$	1.15	\$	3,254.50	\$	1.00	\$	2,830.00	\$	1.50	\$	4,245.00
63	280	l.f.	Permanent Traffic Striping, Solid White, Class 2, Type 'A'	\$	3.45	\$	966.00	\$	3.00	\$	840.00	\$	4.00	\$	1,120.00
64	1,235	l.f.	Permanent Traffic Striping, Double Solid Yellow, Class 1, Type 'A'	\$	2.30	\$	2,840.50	\$	2.00	\$	2,470.00	\$	3.00	\$	3,705.00
65	215	l.f.	Permanent Traffic Striping, Double Solid Yellow, Class 2, Type 'A'	\$	6.90	\$	1,483.50	\$	6.00	\$	1,290.00	\$	9.00	\$	1,935.00
66	6	each	Permanent Traffic Signage, Posts, Base, and Other Necessary Appurtenances	\$	1,150.00	\$	6,900.00	\$	1,000.00	\$	6,000.00	\$	1,500.00	\$	9,000.00
66A	8	each	Removal and Relocation of Existing Traffic Signage, Posts, Base, and Other Necessary Appurtenances (Includes Repainting of Post)	\$	382.67	\$	3,061.36	\$	1,000.00	\$	8,000.00	\$	800.00	\$	6,400.00
67	1	l.s.	Replacement and Relocation of Existing Traffic Signal Equipment at Southwest Corner of Bryant Drive and University Boulevard	\$	37,859.73	\$	37,859.73	\$	32,921.50	\$	32,921.50	\$	50,000.00	\$	50,000.00
68	1	each	Removal and Relocation of Existing Light Pole Assembly	\$	12,434.26	\$	12,434.26	\$	10,812.40	\$	10,812.40	\$	16,000.00	\$	16,000.00
69	7	each	Light Pole Assembly	\$	9,774.43	\$	68,421.01	\$	8,449.50	\$	59,146.50	\$	12,000.00	\$	84,000.00
70	1	l.s.	Lighting Circuitry, Conduits, Vaults / Boxes, Enclosures, and Other Necessary Appurtenances	\$	79,437.40	\$	79,437.40	\$	69,076.00	\$	69,076.00	\$	100,000.00	\$	100,000.00

71	1	l.s.	Security Conduits, Vaults / Boxes, Enclosures, and Other Necessary Appurtenances	\$	96,762.15	\$	96,762.15	\$	84,141.00	\$	84,141.00	\$	125,000.00	\$	125,000.00
72	1	l.s.	Repaint of Existing Traffic Signal Posts, Arms, Etc.	\$	29,977.05	\$	29,977.05	\$	26,607.00	\$	26,607.00	\$	35,000.00	\$	35,000.00
73	45	l.f.	4" Diameter Storm Drain, SDR 26 PVC	\$	46.97	\$	2,113.65	\$	64.61	\$	2,907.45	\$	150.00	\$	6,750.00
74	30	l.f.	8" Diameter Storm Drain, SDR 26 PVC	\$	67.77	\$	2,033.10	\$	89.10	\$	2,673.00	\$	200.00	\$	6,000.00
75	40	l.f.	15" Diameter Storm Drain	\$	113.22	\$	4,528.80	\$	124.69	\$	4,987.60	\$	300.00	\$	12,000.00
76	129	l.f.	18" Diameter Storm Drain	\$	167.20	\$	21,568.80	\$	217.46	\$	28,052.34	\$	310.00	\$	39,990.00
77	326	l.f.	24" Diameter Storm Drain	\$	201.71	\$	65,757.46	\$	197.00	\$	64,222.00	\$	340.00	\$	110,840.00
78	240	l.f.	30" Diameter Storm Drain	\$	258.50	\$	62,040.00	\$	297.31	\$	71,354.40	\$	670.00	\$	160,800.00
79	0	l.f.	36" Diameter Storm Drain	Omitted Per Addendum No. 4											
80	267	l.f.	48" Diameter Storm Drain	\$	503.24	\$	134,365.08	\$	377.46	\$	100,781.82	\$	855.00	\$	228,285.00
81	610	l.f.	60" Diameter Storm Drain	\$	668.48	\$	407,772.80	\$	494.30	\$	301,523.00	\$	966.00	\$	589,260.00
82	1,642	l.f.	Post Construction CCTV of Storm Sewer	\$	5.75	\$	9,441.50	\$	5.00	\$	8,210.00	\$	8.00	\$	13,136.00
83	2	each	Storm Drainage Structure, Gate Inlet with V5620 (DI) Grate	\$	4,831.89	\$	9,663.78	\$	4,324.50	\$	8,649.00	\$	16,000.00	\$	32,000.00
84	1	each	Storm Drainage Structure, Gate Inlet with V5636 (DI) Grate	\$	10,984.37	\$	10,984.37	\$	11,025.00	\$	11,025.00	\$	17,000.00	\$	17,000.00
85	13	each	Storm Drainage Structure, Junction Box	\$	16,847.13	\$	219,012.69	\$	13,633.92	\$	177,240.96	\$	20,000.00	\$	260,000.00
86	2	each	Storm Drainage Structure, Curb Catch Basin (Single Grate)	\$	10,343.86	\$	20,687.72	\$	7,934.00	\$	15,868.00	\$	23,000.00	\$	46,000.00
87	19	each	Storm Drainage Structure, Curb Catch Basin (Triple Grate)	\$	11,426.53	\$	217,104.07	\$	9,186.45	\$	174,542.55	\$	20,000.00	\$	380,000.00
88	1	each	Storm Drainage Structure, Valley Gutter Drain (Triple Grate)	\$	8,290.93	\$	8,290.93	\$	8,812.00	\$	8,812.00	\$	20,000.00	\$	20,000.00
89	1	each	Storm Drainage Structure, Special Rectangular with Weir Walls	\$	64,151.54	\$	64,151.54	\$	36,022.00	\$	36,022.00	\$	75,000.00	\$	75,000.00
90	1	l.s.	Trench Drain at Doster Hall Service Ramp Area	\$	6,516.16	\$	6,516.16	\$	4,804.20	\$	4,804.20	\$	8,000.00	\$	8,000.00
91	4	each	Connect to Existing Storm Inlet	\$	1,436.08	\$	5,744.32	\$	1,505.00	\$	6,020.00	\$	6,000.00	\$	24,000.00
92	75	l.f.	2" Class 200 PVC Storm Sewer Foremain	\$	47.67	\$	3,575.25	\$	37.85	\$	2,838.75	\$	100.00	\$	7,500.00
93	1	each	Removal and Re-Installation of Decorative Benches	\$	284.64	\$	284.64	\$	250.00	\$	250.00	\$	400.00	\$	400.00
93A	1	each	Providing and Installing New Decorative Bench	\$	2,314.39	\$	2,314.39	\$	3,100.00	\$	3,100.00	\$	3,500.00	\$	3,500.00
93B	1	each	Removal and Re-Installation of Decorative Trash Receptacle	\$	189.74	\$	189.74	\$	250.00	\$	250.00	\$	500.00	\$	500.00
94	10	each	Removal and Replacement of Pedestrian Bollards	\$	432.31	\$	4,323.10	\$	225.00	\$	2,250.00	\$	1,000.00	\$	10,000.00
95	70	l.f.	Removal and Replacement of Chains Between Pedestrian Bollards	\$	11.50	\$	805.00	\$	20.00	\$	1,400.00	\$	40.00	\$	2,800.00
96	3,000	s.y.i.p.	Solid Sod	\$	8.63	\$	25,890.00	\$	7.50	\$	22,500.00	\$	11.00	\$	33,000.00
97	2,100	s.y.i.p.	Landscape Mulch	\$	3.45	\$	7,245.00	\$	2.92	\$	6,132.00	\$	4.00	\$	8,400.00
98	1	l.s.	Landscape Replacement (Shrubs, Plants, etc. matching preconstruction conditions)	\$	10,137.25	\$	10,137.25	\$	7,000.00	\$	7,000.00	\$	10,000.00	\$	10,000.00
99	1	l.s.	Irrigation (Replacement and New Construction)	\$	17,250.00	\$	17,250.00	\$	15,000.00	\$	15,000.00	\$	25,000.00	\$	25,000.00
100	200	l.f.	Irrigation Sleeves (Dual Run of 4" and 6" PVC)	\$	42.23	\$	8,446.00	\$	34.09	\$	6,818.00	\$	55.00	\$	11,000.00
101	4	each	Existing Steam Manhole Abandonment (Fill with Low Strength Grout)	\$	1,455.42	\$	5,821.68	\$	2,650.27	\$	10,601.08	\$	3,000.00	\$	12,000.00
102	5	each	Existing Steam Manhole Removal	\$	1,002.78	\$	5,013.90	\$	2,257.50	\$	11,287.50	\$	5,000.00	\$	25,000.00
103	240	l.f.	Existing Steam Piping and Tunnel Removal	\$	20.89	\$	5,013.60	\$	63.54	\$	15,249.60	\$	140.00	\$	33,600.00
104	1	l.s.	Allowance: Steam Piping Abatement	\$	50,000.00	\$	50,000.00	\$	50,000.00	\$	50,000.00	\$	50,000.00	\$	50,000.00
105	1	l.s.	Overhead and Profit for Steam Piping Abatement Allowance	\$	575.00	\$	575.00	\$	1.00	\$	1.00	\$	10,000.00	\$	10,000.00
Colonial Drive and University Blvd Enhancements - Subtotal				\$	3,363,534.28	\$	3,363,534.28	\$		\$	3,775,312.92	\$		\$	5,089,108.00

Sanitary Sewer Improvements															
106	1	l.s.	Mobilization & Demobilization	\$	10,000.00	\$	10,000.00	\$	13,261.17	\$	13,261.17	\$	16,000.00	\$	16,000.00
107	1	l.s.	Construction Layout	\$	5,750.00	\$	5,750.00	\$	5,000.00	\$	5,000.00	\$	8,000.00	\$	8,000.00
108	1	l.s.	GPS of Utilities and As-Built Drawings	\$	4,025.00	\$	4,025.00	\$	3,500.00	\$	3,500.00	\$	6,000.00	\$	6,000.00
109	1	l.s.	UA Bronze Utility Marker Installation	\$	1,679.13	\$	1,679.13	\$	2,500.00	\$	2,500.00	\$	500.00	\$	500.00
110	50	each	Traffic Control, Drums	\$	28.75	\$	1,437.50	\$	28.00	\$	1,400.00	\$	50.00	\$	2,500.00
111	2	each	Traffic Control, Barricades, Type 3	\$	212.75	\$	425.50	\$	215.00	\$	430.00	\$	325.00	\$	650.00
112	50	l.f.	Traffic Control, Jersey Barriers (Yo-Docks) with Fence Panels (no windscreen)	\$	17.25	\$	862.50	\$	40.15	\$	2,007.50	\$	85.00	\$	4,250.00
113	100	l.f.	Erosion Control - Wattles	\$	5.43	\$	543.00	\$	7.15	\$	715.00	\$	6.00	\$	600.00
114	3	each	Erosion Control - Inlet Protection (All Types)	\$	505.03	\$	1,515.09	\$	436.00	\$	1,308.00	\$	900.00	\$	2,700.00
115	485	s.y.i.p.	Saw-Cut and Removal of Existing Exterior Asphalt or Concrete Surfaces (Includes Salvage of Old Trestle Rails)	\$	15.39	\$	7,464.15	\$	27.97	\$	13,565.45	\$	25.00	\$	12,125.00
116	50	s.y.i.p.	Concrete Sidewalk with Integral Curb	\$	95.45	\$	4,772.50	\$	96.25	\$	4,812.50	\$	120.00	\$	6,000.00
117	315	s.y.i.p.	Concrete Pavement	\$	85.10	\$	26,806.50	\$	102.03	\$	32,139.45	\$	125.00	\$	39,375.00
118	175	l.f.	6" Curb	\$	46.00	\$	8,050.00	\$	19.50	\$	3,412.50	\$	60.00	\$	10,500.00
119	365	s.y.i.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 Type "B" (Sidewalk and Concrete Pavement Areas) (4" Compacted Thickness)	\$	18.16	\$	6,628.40	\$	19.35	\$	7,062.75	\$	20.00	\$	7,300.00
120	130	s.y.i.p.	Superpave Bituminous Concrete Binder Layer, Patching, ALDOT 424B, 1" Maximum Aggregate Size Mix, ESAL Range E (1100 lb/sy)(Includes Tack Coat)	\$	124.64	\$	16,203.20	\$	200.00	\$	26,000.00	\$	160.00	\$	20,800.00

121	355	s.y.i.p.	Superpave Bituminous Concrete Wearing Surface, ALDOT 424A, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D (165 lb/sy) (Includes Tack Coat)	\$	15.74	\$	5,587.70	\$	12.00	\$	4,260.00	\$	20.00	\$	7,100.00
122	225	s.y.i.p.	Milling of Existing Asphalt	\$	6.19	\$	1,392.75	\$	10.00	\$	2,250.00	\$	8.00	\$	1,800.00
123	300	l.f.	Temporary Traffic Striping (All Types and Color)	\$	0.58	\$	174.00	\$	0.50	\$	150.00	\$	1.00	\$	300.00
124	1	l.s.	Temporary Traffic Markings, Matching Permanent (All Types and Color)	\$	1,748.00	\$	1,748.00	\$	1,520.00	\$	1,520.00	\$	2,500.00	\$	2,500.00
125	60	l.f.	Permanent Traffic Markings, Class 1, Type 'A' (Crosswalk)	\$	6.90	\$	414.00	\$	6.00	\$	360.00	\$	9.00	\$	540.00
126	2	each	Permanent Traffic Markings, Class 2, Type 'A', Bike Symbol	\$	230.00	\$	460.00	\$	200.00	\$	400.00	\$	300.00	\$	600.00
127	120	l.f.	Permanent Traffic Markings, Class 2, Type 'A', 24" Yellow Hatch	\$	23.00	\$	2,760.00	\$	20.00	\$	2,400.00	\$	30.00	\$	3,600.00
128	150	l.f.	Permanent Traffic Striping, Solid White, Class 2, Type 'A'	\$	3.45	\$	517.50	\$	3.00	\$	450.00	\$	4.00	\$	600.00
129	150	l.f.	Permanent Traffic Striping, Double Solid Yellow, Class 2, Type 'A'	\$	6.90	\$	1,035.00	\$	6.00	\$	900.00	\$	9.00	\$	1,350.00
130	25	l.f.	8" Diameter SDR 26 PVC Sanitary Sewer Main	\$	592.91	\$	14,822.75	\$	726.48	\$	18,162.00	\$	500.00	\$	12,500.00
131	100	l.f.	10" Diameter SDR 26 PVC Sanitary Sewer Main	\$	1,595.60	\$	159,560.00	\$	817.75	\$	81,775.00	\$	400.00	\$	40,000.00
132	2	each	Precast Sanitary Sewer Manhole (minimum 48" diameter)	\$	13,391.75	\$	26,783.50	\$	5,064.16	\$	10,128.32	\$	12,000.00	\$	24,000.00
133	1	each	Precast Sanitary Sewer Manhole (minimum 60" diameter)	\$	28,352.28	\$	28,352.28	\$	66,201.01	\$	66,201.01	\$	18,000.00	\$	18,000.00
134	2	each	Interior Drop Connection	\$	1,917.16	\$	3,834.32	\$	2,039.68	\$	4,079.36	\$	5,000.00	\$	10,000.00
135	3	each	Connect to Existing Sewer Manhole / Sewer main	\$	2,197.70	\$	6,593.10	\$	2,887.73	\$	8,663.19	\$	4,000.00	\$	12,000.00
136	515	l.f.	Light Cleaning of Existing 10" Sanitary Sewer Main	\$	2.88	\$	1,483.20	\$	2.50	\$	1,287.50	\$	4.00	\$	2,060.00
137	1	l.s.	Set-up for Sanitary Sewer Rehabilitation	\$	2,875.00	\$	2,875.00	\$	2,500.00	\$	2,500.00	\$	4,000.00	\$	4,000.00
138	515	l.f.	10" Sanitary Sewer Rehabilitation (Cured-In-Place Lining)	\$	92.00	\$	47,380.00	\$	100.00	\$	51,500.00	\$	120.00	\$	61,800.00
139	1	l.s.	Modification of Existing Lateral Connection (prior to cured-in-place lining)	\$	1,725.00	\$	1,725.00	\$	1,500.00	\$	1,500.00	\$	2,000.00	\$	2,000.00
140	640	l.f.	Post Construction CCTV of Sanitary Sewer (New and Rehabilitation)	\$	4.03	\$	2,579.20	\$	3.50	\$	2,240.00	\$	5.00	\$	3,200.00
141	400	l.f.	Grout Fill of Abandoned Sanitary Sewer Main	\$	17.84	\$	7,136.00	\$	10.13	\$	4,052.00	\$	25.00	\$	10,000.00
142	1	l.s.	By-Pass Pumping of Existing Sanitary Sewer	\$	11,490.00	\$	11,490.00	\$	24,888.00	\$	24,888.00	\$	30,000.00	\$	30,000.00
Sanitary Sewer Improvements - Subtotal				\$		\$	424,865.77	\$		\$	406,780.70	\$		\$	385,250.00

Thermal Energy Extension

143	1	l.s.	Mobilization & Demobilization	\$	36,271.61	\$	36,271.61	\$	5,000.00	\$	5,000.00	\$	60,000.00	\$	60,000.00
144	1	l.s.	Construction Layout	\$	10,925.58	\$	10,925.58	\$	8,500.00	\$	8,500.00	\$	12,000.00	\$	12,000.00
145	1	l.s.	GPS of Utilities and As-Built Drawings	\$	7,475.00	\$	7,475.00	\$	6,500.00	\$	6,500.00	\$	9,000.00	\$	9,000.00
146	1	l.s.	UA Bronze Utility Marker Installation	\$	1,679.13	\$	1,679.13	\$	2,500.00	\$	2,500.00	\$	500.00	\$	500.00
147	1,000	s.y.i.p.	Erosion Control - Temporary Polyethylene or Geotextile Fabric	\$	1.38	\$	1,380.00	\$	2.70	\$	2,700.00	\$	5.00	\$	5,000.00
148	500	l.f.	Erosion Control - Wattles	\$	5.43	\$	2,715.00	\$	7.15	\$	3,575.00	\$	6.00	\$	3,000.00
149	4	each	Erosion Control - Inlet Protection (All Types)	\$	506.29	\$	2,025.16	\$	436.00	\$	1,744.00	\$	900.00	\$	3,600.00
150	550	s.y.i.p.	Saw-Cut and Removal of Existing Exterior Asphalt or Concrete Surfaces	\$	25.04	\$	13,772.00	\$	14.43	\$	7,936.50	\$	25.00	\$	13,750.00
150A	675	s.y.i.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 Type "B" (Asphalt Pavement Areas) (12-1/2" Compacted Thickness Placed in Two (2) Equal Layers)	\$	36.85	\$	24,873.75	\$	28.38	\$	19,156.50	\$	35.00	\$	23,625.00
151	675	s.y.i.p.	Superpave Bituminous Concrete Binder Layer, ALDOT 424B, 1" Maximum Aggregate Size Mix, ESAL Range E (440 lb/sy)(Includes Tack Coat)	\$	30.22	\$	20,398.50	\$	22.60	\$	15,255.00	\$	38.00	\$	25,650.00
151A	1,475	s.y.i.p.	Superpave Bituminous Concrete Wearing Surface, ALDOT 424A, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D (165 lb/sy) (Includes Tack Coat)	\$	13.41	\$	19,779.75	\$	12.00	\$	17,700.00	\$	17.00	\$	25,075.00
151B	800	s.y.i.p.	Milling of Existing Asphalt	\$	1.78	\$	1,424.00	\$	10.00	\$	8,000.00	\$	3.00	\$	2,400.00
152	1	l.s.	Thermal Energy Main, Valves, Fittings, other Appurtenances	\$	822,940.00	\$	822,940.00	\$	805,000.00	\$	805,000.00	\$	1,000,000.00	\$	1,000,000.00
153	1	l.s.	Connect to Hot and Chilled Thermal Mains at Reese-Phifer Hall	\$	3,450.00	\$	3,450.00	\$	35,000.00	\$	35,000.00	\$	5,000.00	\$	5,000.00
154	1	l.s.	Earthwork (Trench Excavation, Backfill, and Compaction)	\$	260,618.52	\$	260,618.52	\$	555,335.96	\$	555,335.96	\$	400,000.00	\$	400,000.00
Thermal Energy Extension - Subtotal				\$		\$	1,229,728.00	\$		\$	1,493,902.96	\$		\$	1,588,600.00

UA Natural Gas Main Extension

155	1	l.s.	Mobilization & Demobilization	\$	20,760.75	\$	20,760.75	\$	2,500.00	\$	2,500.00	\$	13,000.00	\$	13,000.00
156	1	l.s.	Construction Layout	\$	7,475.00	\$	7,475.00	\$	8,500.00	\$	8,500.00	\$	9,000.00	\$	9,000.00
157	1	l.s.	GPS of Utilities and As-Built Drawings	\$	5,750.00	\$	5,750.00	\$	6,500.00	\$	6,500.00	\$	8,000.00	\$	8,000.00
158	1	l.s.	UA Bronze Utility Marker Installation	\$	1,679.13	\$	1,679.13	\$	2,500.00	\$	2,500.00	\$	500.00	\$	500.00
159	200	l.f.	Erosion Control - Wattles	\$	5.43	\$	1,086.00	\$	7.15	\$	1,430.00	\$	6.00	\$	1,200.00
160	2	each	Erosion Control - Inlet Protection (All Types)	\$	506.29	\$	1,012.58	\$	436.00	\$	872.00	\$	900.00	\$	1,800.00
161	100	each	Erosion Control - Sand Bags	\$	10.36	\$	1,036.00	\$	5.00	\$	500.00	\$	10.00	\$	1,000.00
162	655	l.f.	4" UA Natural Gas Main (Directional Bore Installation)	\$	178.25	\$	116,753.75	\$	167.25	\$	109,548.75	\$	65.00	\$	42,575.00
163	1,075	l.f.	4" UA Natural Gas Main (Open Cut Installation)	\$	45.23	\$	48,622.25	\$	98.26	\$	105,629.50	\$	125.00	\$	134,375.00
164	4	each	4" UA Natural Gas Main Connection	\$	5,750.00	\$	23,000.00	\$	3,714.56	\$	14,858.24	\$	5,000.00	\$	20,000.00
165	7	each	4" UA Natural Gas Main Valve with Valve Box	\$	1,776.75	\$	12,437.25	\$	4,393.60	\$	30,755.20	\$	2,000.00	\$	14,000.00

166	1,730	l.f.	Gas Main Cleaning and Testing	\$	4.60	\$	7,958.00	\$	3.85	\$	6,660.50	\$	10.00	\$	17,300.00
167	70	s.y.i.p.	Saw-Cut and Removal of Existing Exterior Asphalt or Concrete Surfaces	\$	15.57	\$	1,089.90	\$	27.97	\$	1,957.90	\$	25.00	\$	1,750.00
168	50	s.y.i.p.	Concrete Sidewalk	\$	95.45	\$	4,772.50	\$	81.25	\$	4,062.50	\$	120.00	\$	6,000.00
169	20	l.f.	6" Curb	\$	57.50	\$	1,150.00	\$	34.50	\$	690.00	\$	80.00	\$	1,600.00
170	50	s.y.i.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 Type "B" (Sidewalk and Concrete Pavement Areas) (4" Compacted Thickness)	\$	14.79	\$	739.50	\$	34.05	\$	1,702.50	\$	15.00	\$	750.00
171	20	s.y.i.p.	Superpave Bituminous Concrete Binder Layer, Patching, ALDOT 424B, 1" Maximum Aggregate Size Mix, ESAL Range E (440 lb/sy) (Includes Tack Coat)	\$	56.68	\$	1,133.60	\$	100.00	\$	2,000.00	\$	75.00	\$	1,500.00
172	50	s.y.i.p.	Superpave Bituminous Concrete Wearing Surface, ALDOT 424A, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D (165 lb/sy) (Includes Tack Coat)	\$	24.44	\$	1,222.00	\$	20.00	\$	1,000.00	\$	32.00	\$	1,600.00
173	30	s.y.i.p.	Milling of Existing Asphalt	\$	23.89	\$	716.70	\$	10.00	\$	300.00	\$	35.00	\$	1,050.00
UA Natural Gas Main Extension - Subtotal				\$			258,394.91	\$			301,967.09	\$			277,000.00
Watermain Extension and Relocations															
174	1	l.s.	Mobilization & Demobilization	\$	2,473.54	\$	2,473.54	\$	2,500.00	\$	2,500.00	\$	13,000.00	\$	13,000.00
175	1	l.s.	Construction Layout	\$	10,925.00	\$	10,925.00	\$	9,500.00	\$	9,500.00	\$	13,000.00	\$	13,000.00
176	1	l.s.	GPS of Utilities and As-Built Drawings	\$	8,625.00	\$	8,625.00	\$	7,500.00	\$	7,500.00	\$	10,000.00	\$	10,000.00
177	1	l.s.	UA Bronze Utility Marker Installation	\$	1,679.13	\$	1,679.13	\$	2,500.00	\$	2,500.00	\$	500.00	\$	500.00
178	280	l.f.	12" Ductile Iron Class 350 Watermain	\$	143.01	\$	40,042.80	\$	137.75	\$	38,570.00	\$	215.00	\$	60,200.00
179	800	l.f.	8" Ductile Iron Class 350 Watermain	\$	111.64	\$	89,312.00	\$	80.88	\$	64,704.00	\$	190.00	\$	152,000.00
180	100	l.f.	6" Ductile Iron Class 350 Watermain	\$	86.86	\$	8,686.00	\$	70.16	\$	7,016.00	\$	180.00	\$	18,000.00
181	25	l.f.	2" Type "K" Copper Service Watermain (City)	\$	86.82	\$	2,170.50	\$	63.98	\$	1,599.50	\$	160.00	\$	4,000.00
182	50	l.f.	2" Class 200 PVC Service Watermain (UA)	\$	37.91	\$	1,895.50	\$	23.85	\$	1,192.50	\$	140.00	\$	7,000.00
183	3	each	12" Stopple Valve	\$	11,346.15	\$	34,038.45	\$	8,026.25	\$	24,078.75	\$	17,000.00	\$	51,000.00
184	2	each	12" Tapping Sleeve and Valve with Valve Box	\$	11,219.68	\$	22,439.36	\$	8,927.37	\$	17,854.74	\$	15,000.00	\$	30,000.00
185	1	each	8" Tapping Sleeve and Valve with Valve Box	\$	6,425.83	\$	6,425.83	\$	5,204.76	\$	5,204.76	\$	10,000.00	\$	10,000.00
186	6	each	12" Valve with Valve Box	\$	4,223.76	\$	25,342.56	\$	3,938.69	\$	23,632.14	\$	5,000.00	\$	30,000.00
187	5	each	8" Valve with Valve Box	\$	2,260.18	\$	11,300.90	\$	2,563.91	\$	12,819.55	\$	3,000.00	\$	15,000.00
188	6,000	lbs.	Watermain Fittings (Compact)	\$	7.83	\$	46,980.00	\$	9.42	\$	56,520.00	\$	15.00	\$	90,000.00
189	1	each	Relocation of Existing Fire Hydrant	\$	3,484.12	\$	3,484.12	\$	2,296.55	\$	2,296.55	\$	4,000.00	\$	4,000.00
190	3	each	New Fire Hydrant Assembly	\$	6,918.61	\$	20,755.83	\$	5,207.48	\$	15,622.44	\$	10,000.00	\$	30,000.00
191	8	each	End Line Restraint	\$	2,579.42	\$	20,635.36	\$	1,041.03	\$	8,328.24	\$	1,000.00	\$	8,000.00
192	8	each	Main Connection	\$	1,026.36	\$	8,210.88	\$	825.00	\$	6,600.00	\$	3,500.00	\$	28,000.00
193	1,180	l.f.	Watermain Disinfecting and Testing	\$	3.24	\$	3,823.20	\$	7.14	\$	8,425.20	\$	20.00	\$	23,600.00
194	270	l.f.	Grout Fill of Abandoned Existing Water Main	\$	9.16	\$	2,473.20	\$	6.85	\$	1,849.50	\$	30.00	\$	8,100.00
195	1	l.s.	Installation of 2" Domestic Service Meter Assembly with PRV (Doster Hall)	\$	731.49	\$	731.49	\$	1,589.97	\$	1,589.97	\$	4,500.00	\$	4,500.00
196	1	l.s.	Allowance: Purchase of City of Tuscaloosa 2" Domestic Meter Assembly with PRV (Doster Hall)	\$	5,125.00	\$	5,125.00	\$	5,125.00	\$	5,125.00	\$	5,125.00	\$	5,125.00
197	1	l.s.	Overhead and Profit for Purchase of City of Tuscaloosa 2" Domestic Meter Assembly with PRV Allowance (Doster Hall)	\$	287.50	\$	287.50	\$	1.00	\$	1.00	\$	1,000.00	\$	1,000.00
Watermain Extension and Relocations - Subtotal				\$			377,863.15	\$			325,029.84	\$			616,025.00
TOTAL BASE BID				\$			5,654,386.11	\$			6,302,993.51	\$			7,955,983.00
Alternate No. 1 - Extension of Street Replacement along Colonial Drive to Capstone Drive															
225	1	l.s.	Mobilization & Demobilization	\$	6,803.87	\$	6,803.87	\$	6,617.32	\$	6,617.32	\$	13,000.00	\$	13,000.00
226	1	l.s.	Construction Layout	\$	9,775.00	\$	9,775.00	\$	8,500.00	\$	8,500.00	\$	12,000.00	\$	12,000.00
227	1	l.s.	GPS of Utilities and As-Built Drawings	\$	5,175.00	\$	5,175.00	\$	4,500.00	\$	4,500.00	\$	7,000.00	\$	7,000.00
228	1	l.s.	UA Bronze Utility Marker and Storm Inlet Marker Installation	\$	1,679.13	\$	1,679.13	\$	2,500.00	\$	2,500.00	\$	500.00	\$	500.00
229	700	l.f.	Post-Driven Site Constraint Fencing	\$	42.84	\$	29,988.00	\$	37.25	\$	26,075.00	\$	45.00	\$	31,500.00
230	1	each	Construction Exit Pad	\$	2,161.34	\$	2,161.34	\$	2,175.00	\$	2,175.00	\$	2,500.00	\$	2,500.00
231	1,500	s.y.i.p.	Erosion Control - Temporary Grassing / Mulching (hydraulic application)	\$	0.50	\$	750.00	\$	0.57	\$	855.00	\$	2.00	\$	3,000.00
232	1,000	s.y.i.p.	Erosion Control - Temporary Mulching Only (hydraulic application)	\$	0.34	\$	340.00	\$	0.57	\$	570.00	\$	1.00	\$	1,000.00
233	500	l.f.	Erosion Control - Type "A" Silt Fence	\$	3.70	\$	1,850.00	\$	4.03	\$	2,015.00	\$	5.00	\$	2,500.00
234	500	l.f.	Erosion Control - Wattles	\$	5.43	\$	2,715.00	\$	4.72	\$	2,360.00	\$	6.00	\$	3,000.00
235	100	each	Erosion Control - Sand Bags	\$	6.97	\$	697.00	\$	4.69	\$	469.00	\$	10.00	\$	1,000.00
236	50	l.f.	Erosion Control - Rock Filter Check Dams	\$	69.74	\$	3,487.00	\$	65.64	\$	3,282.00	\$	50.00	\$	2,500.00
237	1	l.s.	Earthwork	\$	12,640.86	\$	12,640.86	\$	20,258.00	\$	20,258.00	\$	25,000.00	\$	25,000.00
238	100	s.y.i.p.	Solid Sod	\$	10.93	\$	1,093.00	\$	9.50	\$	950.00	\$	15.00	\$	1,500.00

239	800	s.y.i.p.	Landscape Mulch	\$	3.45	\$	2,760.00	\$	2.92	\$	2,336.00	\$	4.00	\$	3,200.00
240	1	l.s.	Landscape Replacement (Shrubs, Plants, etc. matching preconstruction conditions)	\$	1,725.00	\$	1,725.00	\$	1,500.00	\$	1,500.00	\$	2,500.00	\$	2,500.00
241	1	l.s.	Irrigation (Replacement and New Construction)	\$	1,725.00	\$	1,725.00	\$	1,500.00	\$	1,500.00	\$	2,500.00	\$	2,500.00
242	30	l.f.	Irrigation Sleeves (Dual Run of 4" and 6" PVC)	\$	48.84	\$	1,465.20	\$	34.09	\$	1,022.70	\$	55.00	\$	1,650.00
243	750	s.y.i.p.	Saw-Cut and Removal of Existing Exterior Asphalt or Concrete Surfaces	\$	9.09	\$	6,817.50	\$	14.43	\$	10,822.50	\$	25.00	\$	18,750.00
244	1	l.s.	Demolition (Miscellaneous Site Items)	\$	2,349.25	\$	2,349.25	\$	3,750.00	\$	3,750.00	\$	15,000.00	\$	15,000.00
245	450	s.y.i.p.	Geotextile Fabric (To Be Used Only as Directed by the Owner's Representative)	\$	2.30	\$	1,035.00	\$	4.23	\$	1,903.50	\$	5.00	\$	2,250.00
246	250	c.y.i.p.	Unsuitable Material Excavation, Off-Site Disposal, Replacement (To Be Used Only As Directed By The Owner's Representative)	\$	32.71	\$	8,177.50	\$	19.41	\$	4,852.50	\$	40.00	\$	10,000.00
247	80	s.y.i.p.	Concrete Sidewalk	\$	95.45	\$	7,636.00	\$	71.53	\$	5,722.40	\$	120.00	\$	9,600.00
248	160	s.y.i.p.	Concrete Sidewalk with Integral Curb	\$	95.45	\$	15,272.00	\$	81.25	\$	13,000.00	\$	125.00	\$	20,000.00
249	300	l.f.	6" Curb	\$	46.00	\$	13,800.00	\$	19.50	\$	5,850.00	\$	60.00	\$	18,000.00
250	240	s.y.i.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 Type "B" (Sidewalk and Concrete Pavement Areas) (4" Compacted Thickness)	\$	15.49	\$	3,717.60	\$	11.35	\$	2,724.00	\$	15.00	\$	3,600.00
251	420	s.y.i.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 Type "B" (Asphalt Pavement Areas) (12-1/2" Compacted Thickness Placed in Two (2) Equal Layers) (Includes Crushed Stone Beneath Curbs)	\$	33.09	\$	13,897.80	\$	28.38	\$	11,919.60	\$	35.00	\$	14,700.00
252	450	s.y.i.p.	Superpave Bituminous Concrete Binder Layer, ALDOT 424B, 1" Maximum Aggregate Size Mix, ESAL Range C/D (440 lb/sy) (Includes tack coat)	\$	29.18	\$	13,131.00	\$	22.60	\$	10,170.00	\$	37.00	\$	16,650.00
253	550	s.y.i.p.	Superpave Bituminous Concrete Wearing Surface, ALDOT 424A, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D (165 lb/sy) (Includes Tack Coat)	\$	12.29	\$	6,759.50	\$	12.00	\$	6,600.00	\$	17.00	\$	9,350.00
254	100	s.y.i.p.	Milling of Existing Asphalt	\$	7.57	\$	757.00	\$	10.00	\$	1,000.00	\$	10.00	\$	1,000.00
255	290	l.f.	Temporary Traffic Striping (All Types and Color)	\$	0.58	\$	1,68.20	\$	0.50	\$	145.00	\$	1.00	\$	290.00
256	1	l.s.	Temporary Traffic Markings, Matching Permanent (All Types and Color)	\$	1,196.00	\$	1,196.00	\$	1,040.00	\$	1,040.00	\$	1,500.00	\$	1,500.00
257	1	l.s.	Temporary Traffic Legends, Matching Permanent (All Types and Color)	\$	414.00	\$	414.00	\$	360.00	\$	360.00	\$	500.00	\$	500.00
258	2	each	Permanent Traffic Legends, Class 1, Type 'A' (Bus)	\$	92.00	\$	184.00	\$	80.00	\$	160.00	\$	120.00	\$	240.00
259	2	each	Permanent Traffic Legends, Class 1, Type 'A' (Only)	\$	69.00	\$	138.00	\$	60.00	\$	120.00	\$	100.00	\$	200.00
260	2	each	Permanent Traffic Markings, Class 1, Type 'A', Bike Symbol	\$	46.00	\$	92.00	\$	40.00	\$	80.00	\$	100.00	\$	200.00
261	34	l.f.	Permanent Traffic Markings, Class 1, Type 'A', Stop Bar	\$	6.90	\$	234.60	\$	6.00	\$	204.00	\$	9.00	\$	306.00
262	68	l.f.	Permanent Traffic Markings, Class 1, Type 'A', Crosswalk	\$	6.90	\$	469.20	\$	6.00	\$	408.00	\$	9.00	\$	612.00
263	2	each	Permanent Traffic Markings, Class 1, Type 'A', Arrows	\$	86.25	\$	172.50	\$	75.00	\$	150.00	\$	100.00	\$	200.00
264	115	s.f.i.p.	Permanent Traffic Markings, Bike Zone (Green)	\$	10.93	\$	1,256.95	\$	9.50	\$	1,092.50	\$	15.00	\$	1,725.00
265	190	l.f.	Permanent Traffic Striping, Solid White, Class 1, Type 'A'	\$	1.15	\$	218.50	\$	1.00	\$	190.00	\$	2.00	\$	380.00
266	100	l.f.	Permanent Traffic Striping, Double Solid Yellow, Class 1, Type 'A'	\$	2.30	\$	230.00	\$	2.00	\$	200.00	\$	3.00	\$	300.00
267	2	each	Permanent Traffic Signage, Posts, Base, and Other Necessary Appurtenances	\$	1,150.00	\$	2,300.00	\$	1,000.00	\$	2,000.00	\$	1,500.00	\$	3,000.00
				\$		\$	187,254.50	\$		\$	171,949.02	\$		\$	264,203.00
				\$		\$	5,841,640.61	\$		\$	6,474,942.53	\$		\$	8,220,186.00

Alternate No. 1 - Subtotal

Alternate No. 1 + ALTERNATE No. 1

Alternate No. 2 - Watermain along Capstone Drive

300	1	l.s.	Mobilization & Demobilization	\$	2,509.10	\$	2,509.10	\$	2,908.19	\$	2,908.19	\$	13,000.00	\$	13,000.00
301	1	l.s.	Construction Layout	\$	4,025.00	\$	4,025.00	\$	9,500.00	\$	9,500.00	\$	5,000.00	\$	5,000.00
302	1	l.s.	GPS of Utilities and As-Built Drawings	\$	5,750.00	\$	5,750.00	\$	7,500.00	\$	7,500.00	\$	7,000.00	\$	7,000.00
303	1	l.s.	UA Bronze Utility Marker Installation	\$	1,679.13	\$	1,679.13	\$	1,500.00	\$	1,500.00	\$	500.00	\$	500.00
304	450	l.f.	8" Ductile Iron Class 350 Watermain	\$	108.72	\$	48,924.00	\$	74.71	\$	33,619.50	\$	200.00	\$	90,000.00
304A	70	l.f.	6" Ductile Iron Class 350 Watermain	\$	84.30	\$	5,901.00	\$	66.80	\$	4,676.00	\$	190.00	\$	13,300.00
305	60	l.f.	2" Type "K" Copper Service Watermain (City)	\$	55.11	\$	3,306.60	\$	41.87	\$	2,512.20	\$	140.00	\$	8,400.00
306	20	l.f.	2" Class 200 PVC Service Watermain (UA)	\$	37.35	\$	747.00	\$	23.85	\$	477.00	\$	110.00	\$	2,200.00
307	2	each	8" Valve with Valve Box	\$	2,260.18	\$	4,520.36	\$	2,563.91	\$	5,127.82	\$	3,000.00	\$	6,000.00
307A	1	each	8" x 8" Tapping Sleeve and Valve with Valve Box	\$	6,425.83	\$	6,425.83	\$	5,204.76	\$	5,204.76	\$	10,000.00	\$	10,000.00
307B	1	each	10" x 8" Tapping Sleeve and Valve with Valve Box	\$	8,020.49	\$	8,020.49	\$	6,671.29	\$	6,671.29	\$	12,000.00	\$	12,000.00
307C	1	each	16" x 8" Tapping Sleeve and Valve with Valve Box	\$	19,682.09	\$	19,682.09	\$	11,817.17	\$	11,817.17	\$	20,000.00	\$	20,000.00
308	1	each	2" Saddle Connection with Valve and Valve Box	\$	1,112.18	\$	1,112.18	\$	1,526.20	\$	1,526.20	\$	2,000.00	\$	2,000.00
309	1,000	lbs.	Watermain Fittings (Compact)	\$	8.87	\$	8,870.00	\$	9.42	\$	9,420.00	\$	15.00	\$	15,000.00
310	530	l.f.	Grout Fill of Abandoned Existing Water Main	\$	8.03	\$	4,255.90	\$	7.97	\$	4,224.10	\$	30.00	\$	15,900.00
311	2	each	End Line Restraint	\$	2,499.84	\$	4,999.68	\$	1,005.83	\$	2,011.66	\$	1,000.00	\$	2,000.00
312	5	each	Main Connection	\$	1,026.36	\$	5,131.80	\$	825.00	\$	4,125.00	\$	3,500.00	\$	17,500.00

313	530	l.f.	Watermain Disinfecting and Testing	\$	4.81	\$	2,549.30	\$	7.14	\$	3,784.20	\$	30.00	\$	15,900.00
314	1	each	Installation of 2" Domestic Meter Assembly with PRV (English Bldg)	\$	731.49	\$	731.49	\$	558.72	\$	558.72	\$	2,500.00	\$	2,500.00
315	1	l.s.	Allowance: Purchase of City of Tuscaloosa 2" Domestic Meter Assembly with PRV (English Bldg)	\$	5,125.00	\$	5,125.00	\$	5,125.00	\$	5,125.00	\$	5,125.00	\$	5,125.00
316	1	l.s.	Overhead and Profit for Purchase of City of Tuscaloosa 2" Domestic Meter Assembly with PRV Allowance (English Bldg)	\$	287.50	\$	287.50	\$	1.00	\$	1.00	\$	1,000.00	\$	1,000.00
317	100	s.y.i.p.	Saw-Cut and Removal of Existing Exterior Asphalt or Concrete Surfaces	\$	62.47	\$	6,247.00	\$	27.97	\$	2,797.00	\$	25.00	\$	2,500.00
318	30	s.y.i.p.	Concrete Sidewalk	\$	95.45	\$	2,863.50	\$	89.41	\$	2,682.30	\$	120.00	\$	3,600.00
319	20	l.f.	6" Curb	\$	57.50	\$	1,150.00	\$	79.00	\$	1,580.00	\$	80.00	\$	1,600.00
320	30	s.y.i.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 Type "B" (Sidewalk and Concrete Pavement Areas) (4" Compacted Thickness)	\$	13.93	\$	417.90	\$	34.05	\$	1,021.50	\$	15.00	\$	450.00
321	275	s.y.i.p.	Superpave Bituminous Concrete Binder Layer, Patching, ALDOT 424B, 1" Maximum Aggregate Size Mix, ESAL Range E (440 lb/sy) (Includes tack coat)	\$	54.63	\$	15,023.25	\$	100.00	\$	27,500.00	\$	70.00	\$	19,250.00
322	1,925	s.y.i.p.	Superpave Bituminous Concrete Wearing Surface, ALDOT 424A, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D (165 lb/sy) (Includes Tack Coat)	\$	13.46	\$	25,910.50	\$	10.15	\$	19,538.75	\$	18.00	\$	34,650.00
323	1,650	s.y.i.p.	Milling of Existing Asphalt	\$	1.78	\$	2,937.00	\$	7.06	\$	11,649.00	\$	3.00	\$	4,950.00
324	50	s.y.i.p.	Solid Sod	\$	10.93	\$	546.50	\$	9.50	\$	475.00	\$	15.00	\$	750.00
325	100	s.y.i.p.	Landscape Mulch	\$	3.45	\$	345.00	\$	2.92	\$	292.00	\$	4.00	\$	400.00
Alternate No. 2 Subtotal				\$		\$	199,994.10	\$		\$	189,825.36	\$		\$	332,475.00
TOTAL BASE BID + ALTERNATE No. 1 + ALTERNATE No. 2				\$		\$	6,041,634.71	\$		\$	6,664,767.89	\$		\$	8,552,661.00
Alternate No. 3 - Grout Fill of Abandoned Steam Tunnel															
350	1	l.s.	Mobilization & Demobilization	\$	575.00	\$	575.00	\$	1,500.00	\$	1,500.00	\$	4,000.00	\$	4,000.00
351	1000	c.y.i.p.	Abandoned Steam Tunnel Filled with Low Strength Grout	\$	216.23	\$	216,230.00	\$	200.00	\$	200,000.00	\$	300.00	\$	300,000.00
Alternate No. 3 Subtotal				\$		\$	216,805.00	\$		\$	201,500.00	\$		\$	304,000.00
TOTAL BASE BID + ALTERNATE No. 1 + ALTERNATE No. 2 + ALTERNATE No. 3				\$		\$	6,258,439.71	\$		\$	6,866,267.89	\$		\$	8,856,661.00

I CERTIFY THAT THE ABOVE BIDS WERE RECEIVED SEALED AND WERE PUBLICLY OPENED AND READ ALOUD AT THE TIME AND PLACE INDICATED AND THAT THIS IS A TRUE AND CORRECT TABULATION OF ALL BIDS RECEIVED FOR THIS PROJECT. I RECOMMEND AWARD OF THE CONTRACT FOR CONSTRUCTION TO THE LOWEST RESPONSIBLE AND RESPONSIVE BIDDER AS SHOWN ABOVE, AS DETERMINED BY THE AVAILABLE FUNDS AND SUBJECT TO THE INSTRUCTIONS TO BIDDERS AND ANY APPLICABLE LAW.

Sworn to and subscribed before me this 28th day of February 2024.

Robert W. Martin

Robert Martin

My Commission Expires: December 28, 2024

Jason L. Coker, P.E.

Jason L. Coker, P.E.

Vice President / Secretary / Treasurer

Duncan Coker Associates, P.C.



COLONIAL DRIVE AND UNIVERSITY BOULEVARD INFRASTRUCTURE AND ENHANCEMENTS PACKAGE A – SUMMER 2024

LOCATION MAP



COLONIAL DRIVE AND UNIVERSITY BOULEVARD INFRASTRUCTURE AND ENHANCEMENTS PACKAGE B – SUMMER 2025

LOCATION MAP

