UNIVERSITY OF ALABAMA SYSTEM BOARD RULE 415 BOARD SUBMITTAL CHECKLIST CRITERIA

BOARD SUBMITTAL CHECKLIST NO. 4 CAPITAL PROJECT - STAGE IV SUBMITTAL ⁷¹ (Construction Contract Award)

CAMPUS: The University of Alabama, Tuscaloosa, Alabama

PROJECT NAME: Colonial Dr and University Blvd Infrastructure & Enhancements

MEETING DATE: April 3-4, 2025

- 1. Board Submittal Checklist No. 4
- 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
- 3. Proposed Board Resolution requesting approval of Construction Contract Award, Construction Budget and Project Budget by the Board of Trustees
 - 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}
 - 5. Tabulation of competitive bids certified by Project Architect/Construction Manager
 - 6. Recommendations for Contract Award by Architect/Construction Manager
 - 7. Campus Map(s) showing project site
 - 8. Final Business Plan (if applicable)^{/3}

Prepared by: Jeremy Wood Approved by:

- ¹¹ Reference Tab 31 Board Rule 415 Instructional Guide
- ¹² Reference Tab 3E Board Rule 415 Instructional Guide
- ¹³ Reference Tab 3V Board Rule 415 Instructional Guide



Office of the President

February 24, 2025

Chancellor Sid J. Trant The University of Alabama System 500 University Boulevard East Tuscaloosa, Alabama 35401

Dear Chancellor Trant:

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 B – University Boulevard Summer 2025 and approval of the revised project scope and budget (reduced).

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 3-4, 2025.

Sincerely,

Stuart R. Bell President

Enclosure



203 Rose Administration Building | Box 870100 | Tuscaloosa, AL 35487-0100 | 205-348-5100 | Fax 205-348-7238 president@ua.edu | http://www.ua.edu

THE UNIVERSITY OF ALABAMA

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

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 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, hydraulic bollard equipment, and other long lead time materials; 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, on April 12, 2024, the Board approved the phasing of the project into Construction Package A – Colonial Drive and University Boulevard 2024 ("Package A") and Construction Package B – University Boulevard 2025 ("Package B"); and

WHEREAS, Package A, completed Summer 2024, consisted of the installation of critical stormwater, utility, and thermal energy piping in Colonial Drive from Judy Bonner Drive to Capstone Drive, reconstructed roadways with two vehicular travel lanes, bike lanes, updated pedestrian sidewalks, lighting, and landscaping upgrades; and

WHEREAS, Package B consists of the continuation of needed stormwater upgrades to minimize the impact of high rainfall events and impacts to pedestrian and vehicular traffic, and the replacement of aging utility infrastructure, as well as upgrades to pedestrian sidewalks, lighting, and landscaping along University Boulevard between the intersections of Colonial Drive and Stadium Drive; and

WHEREAS, Package B also includes the installation of critical campus physical security measures along University Boulevard between Campus Drive and Stadium Drive, including permanent and hydraulic traffic bollards at the intersection of University Boulevard and Campus Drive that will be utilized for home football games and other special events on campus to provide traffic control and enhanced safety for pedestrians on the West side of Campus; and

WHEREAS, on February 27, 2024, pursuant to Title 39, Public Works provisions of the Code of Alabama, competitive bids were received for Package A 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, for the work related to the Project; and

WHEREAS, the University recommended acceptance of 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, in accordance with Board Rule 415, on April 12, 2024, the Board authorized the University 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, on April 12, 2024, the Board approved a Revised and Reallocated Project Budget from \$17,808,000 to \$15,000,000 to reflect the construction packaging, bid results for Package A, and the associated adjustments to soft costs; and

WHEREAS, on February 19, 2025, pursuant to Title 39, Public Works provisions of the Code of Alabama, competitive bids were received for Package B and Lavender, Inc. of Aliceville, Alabama ("Lavender") was declared the lowest responsible bidder with a base bid in the amount of \$1,494,286, as referenced on the attached certified bid tab; and

WHEREAS, the University desires to accept Alternate 1 – Extension West of Stadium Drive for \$246,602, Alternate 2 – Colonial Drive to Rose Administration Entrance for \$808,898, Alternate 3 – Hydraulically Retractable Bollards for \$765,707, Alternate 4 – Bollards at Campus Drive Intersection for \$158,350, Alternate 5 – Bollards Along North Side of University Boulevard for \$452,901, and Alternate 6 – Bollards at Stadium Drive, Colonial Drive, and 6th Avenue Intersection with University Boulevard for \$671,667; and WHEREAS, the University is requesting approval to award the construction contract for Package B to Lavender for a total contract amount of \$4,598,411 including the base bid and Alternates 1-6; and

WHEREAS, the University is requesting approval of a Project Scope and Budget Revision reduction from \$15,000,000 to \$14,800,000 to reflect the bid results for Package B, the aforementioned safety items, and the related revisions 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 \$14,800,000 and will eliminate campus deferred maintenance liabilities in the amount of \$14,246,400; and

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

BUDGET:	REVISED
Construction Package A – Colonial Drive and	
University Boulevard 2024	\$ 6,755,639
Construction Package B – University Boulevard	
Summer 2025	\$ 4,598,411
Owner Furnished Contractor Installed (OFCI)	
Equipment	\$ 1,125,000
Security/Access Control	\$ 50,000
Telecomm/Data	\$ 50,000
Contingency ¹ (10%)	\$ 572,341
UA Project Management Fee ² (4.5%)	\$ 587,313
Architect/Engineer Fee ³ (5.9%)	\$ 828,464
Other ⁴	\$ 232,832
TOTAL PROJECT COST	\$ 14,800,000

¹Contingency is based on 10% of the cost of Package 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 5.9% of the costs of Construction Packages A and B, and OFCI Equipment, plus \$201,612 for additional services and reimbursables, and less a credit in the amount of \$109,412.

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

Work Completed, Actual Final Contract Amount

Current Package for Contract Award Approval

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

1. The Revised Scope and Budget for the Project is hereby approved as stipulated above.

BE IT FURTHER RESOLVED that Stuart R. Bell, President, Daniel T. Layzell, 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 Lavender, Inc. of Aliceville, Alabama for Construction Package B – University Boulevard 2025 in accordance with Board Rule 415 for this Project.

EXECUTIVE SUMMARY PROPOSED CAPITAL PROJECT BOARD OF TRUSTEES SUBMITTAL

MEETING DATE:	April 3-4, 2025
CAMPUS:	The University of Alabama, Tuscaloosa, Alabama
	Colonial Drive and University Boulevard Infrastructure and
PROJECT NAME:	Enhancements
PROJECT NUMBER:	TRN-23-3384
PROJECT LOCATION:	University Boulevard between the intersection at Campus Drive to the West, and Colonial Drive to the East
ARCHITECT:	Duncan Coker Associates, PC, Tuscaloosa, Alabama

THIS SUBMITTAL:	PREVIOUS APPROVALS:
□ Stage I	September 1, 2023
□ Stage II	November 2-3, 2023
Campus Master Plan Amendment	
□ Stage III	
□ Stage IV – Package A	April 11-12, 2024
⊠ Stage IV – Package B	

PROJECT TYPE	SPACE CATEGORIES	PERCENTAGE	GSF
□ Building Construction			
□Building Addition			
⊠Campus Infrastructure	Central Utility & Mechanical, Other	100%	N/A
□Equipment			
□Other			
	TOTAL	100%	N/A

BUDGET	 Current	Revised
Construction Package A – Colonial Drive & University Boulevard Summer 2024	\$ 6,258,440	\$ 6,755,639
Construction Package B – University Boulevard Summer 2025	\$ 4,800,000	\$ 4,598,411
Owner Furnished Contractor Installed (OFCI) Equipment	\$ 790,000	\$ 1,125,000
Security/Access Control	\$ 50,000	\$ 50,000
Telecomm/Data	\$ 0	\$ 50,000
Contingency ¹ (10%)	\$ 1,184,844	\$ 572,341
UA Project Management Fee ² (4.5%)	\$ 586,498	\$ 587,313
Architect/Engineer Fee ³ (~5.9%)	\$ 674,164	\$ 828,464
Other ⁴	\$ 222,254	\$ 232,832
Escalation ⁵ (7.5%)	\$ 433,800	\$ 0
TOTAL PROJECT COST	\$ 15,000,000	\$ 14,800,000
Total Construction Cost per square foot – N/A		

¹Contingency is based on 10% of the costs of Construction Package 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 5.9% of the costs of Construction Packages A and B, and OFCI Equipment, plus \$201,612 for additional services and reimbursables, and less a credit in the amount of \$109,412.

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

Advertising, Printing, and other associated project costs, as applicable.

⁵Escalation was based on an anticipated 7.5% inflation for Package B related construction and soft costs based on the bid date of February 2025.

Work Completed, Actual Final Contract Amount.

Current Package for Contract Award Approval.

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

(Utilities, Custodial, Maintenance, Insurance, Other)*

\$ 22,500

22,500

\$

Total Estimated Annual O&M Costs:

*Package 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. Cost included herein is for hydraulic bollard maintenance.

FUNDING SOURCE:

University Central Reserves \$ 14,800,000

O&M Costs:	Transportation Services Annual Operating \$	N/A
	Funds	

NEW EQUIPMENT REQUIRED		
Thermal Piping and Valves, Long Lead Storn Hydraulic Traffic Bollard System	n Grates,	\$1,125,000
	Total Equipment Costs:	\$1,125,000

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 was 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 McLure 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.

Package B includes scope to provide significant drainage improvements along University Boulevard between Colonial Drive and Stadium Drive. These improvements include installation of increased capacity storm sewer mains and inlets, as well as replacement of aging utilities in the path of construction.

Additional scope included in Package B addresses critical Campus security needs on the West side of Campus along the University Boulevard corridor. This includes installation of a high-performance retractable bollard system at the University Boulevard and Campus Drive intersection, as well as installation of traffic rated bollards on the North side of University Boulevard between Town Center and Stadium Drive. This scope is critical to secure the West thoroughfare into Campus while providing enhanced safety and security to pedestrians during home football games and other special events.

The Project also addressed 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	100%
	Date Completed	December 2023
CONSTRUCTION DOCUMENTS:	Date Initiated	December 2023
	% Complete	100%
	Date Completed	February 2024
BID DATE: (Package A):		February 27, 2024

BID DATE: (Package A): ALL WORK COMPLETE FOR THIS PACKAGE

PROJECT STATUS – Construction Package	e B – University Boulevar	rd 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	100%
	Date Completed	February 2025
BID DATE: (Package B- this submittal)		February 19, 2025

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.

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.

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TABULATION OF BIDS

Bid Due February 19, 2025 3:00 o.m. local time

<u>Bid Location</u> 405 Cahaba Circle Tuscaloosa, AL 35404

THE UNIVERSITY OF

<u>Architect/Engineer</u> Duncan Coker Associates, P.C. Tuscaloosa, Alabama 35406 phone: (205) 561-0808 201 Towncenter Blvd

Colonial Drive and University Blvd Infrastructure and Enhancements Package B

Project Name

<u>UA Project No.</u> TRN-23-3384B

FUNDS AVAILABLE: Four million cight hundred thousand dollars and 00/100 (\$4,800,000.00) _

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

CONSTRUCTION DURATION: Completion date of August 1, 2025

				Lavender	Inc.	John Plott Co	ompany, Inc.	Domi	nion Constru	ction Co., Inc.
			CONTRACTOR	1056 Industri Aliceville, Al GC License	al Drive L 35442 # 19861	PO BO Tuscaloosa GC Licen	X 20183 1, AL 35402 se # 9266		PO BO) Duncanville, GC License	: 70 AL 35456 # 44290
			Addenda ONE through FOUR	X Yes	No	X Yes	No		X Yes	No
			LICENSE # ON ENVELOPE	X Yes	No	X Yes	N		X Yes	No
			BONDING COMPANY OR BID DEPOSIT	Philadelphia Indem Compa	mity Insurance ny	Western Surg	ty Company	Atl	antic Specialt Compa	y Insurance ny
Item No.	Estimated Quantity	Unit	Description	Unit Price	Total	Unit Price	Total	Un	it Price	Total
Universit	y Bivd Impro-	wements	from Colonial Drive to Stadium Drive							
1	1	J _* S _*	Mobilization & Demobilization	\$ 64,366.43 \$	64,366,43	S 87,163.97	S 87,163.97	s	55,400.00 S	55,400.00
2	1	Ls.	ADEM Stormwater Permit, Monitoring, and Reporting	\$ 13,381,26 \$	13,381,26	S 14,431,20	S 14,431,20	S	11,500.00 S	11,500.00
3	1	l.s.	Construction Layout	\$ 20,550.16 \$	20,560.16	\$ 17,920.00	\$ 17,920,00	s	16,000.00 S	16,000,00
4	1	l.S.	GPS of Utilitics and As-Built Drawings	\$ 6,750.35 \$	6,750,35	\$ 7,280.00	\$ 7,280,00	s	6,500.00 S	6,500.00
i0	1] _a S _a	UA Bronze Utility Marker Installation	\$ 4,512,66 \$	4,512,66	\$ 6,141,53	\$ 6,141.53	s	3,000.00 S	3,000,03
9	1] _* S.	Adjustment of All Existing Manhole, Vault, Etc. Covers to Enish Grade	S 2,905,40 S	2,905,40	\$ 5,845.22	\$ 5,845.22	s	6,250.00 \$	6,250,00
7	35	cach	Traffic / Pedestrian Control Signage	\$ 155.78 S	5,452.30	S 168.00	\$ 5,880.00	S	850.00 S	29,750,00
8	20	cach	Traffic / Pedestrian Wayfinding Signage	\$ 259,63 \$	5,192,60	S 280.00	\$ 5,600,00	S	500.00 S	10,000.00
6	200	each	"I raffic Control, Drums	5 30.12 5	6,024,00	\$ 32.48	\$ 6 _* 496.00	\$ 3	40.00 S	8,000.00
10	4	each	"Fraffic Control, Barricades, Type 3	\$ 233,67 \$	934.68	S 252,00	S 1,008.00	s	185.00	740,00
11	4	each	Traffic Control, Portable Message Boards	S 3,271,32 5	13,085.28	\$ 3,528.00	S 14,112.00	s	7,500.00 S	30,000.00
12	70	cach	Traffic Control, Jersey Barriers (Yo-Docks) with Fence Panels	\$ 199,58 5	13,970.60	\$ 91,00	\$ 6,370.00	s	408.00 \$	28,560.00
13	1,000	Lf.	Post-Driven Site Constraint Fencing	\$ 28.14 5	28,140.00	\$ 30.35	\$ 30,350.00	a)	27.10 S	27,100.00
14	100	l.f.	Tree Protection Fencing	S 10.38 S	1,038.00	\$ 6.38	S 638.00	ev.	14,00 S	1,400.00
15	2	each	Ercsion Control - Construction Exit Pad	\$ 1,207,79 \$	2,415,58	S 3,258.98	\$ 6,517,96	s	2,175.00 S	4,350.00
16	1,500	s.y.i.p.	Erusion Control - Temporary Grassing / Mulching (hydraulic application)	S 1.56 S	2,340,00	\$ 0.29	\$ 435.00	S	0.57	855,00
17	1,000	s.y.i.p.	Ercsion Control - Temporary Mulching Only (hydraulic application)	\$ 1,56 \$	1,560.00	\$ 0.24	\$ 240.00	\$	0.57	570-00
18	500	Lf.	Ercsion Control - Wattles	S 1.82 S	910.00	\$ 5.92	\$ 2,960.00	62	5.50 S	2,750.00
19	4	cach	Erosion Control - Inlet Protection	\$ 410.21 S	1,640,84	S 510.33	S 2,041,32	S	450-00 S	1,800.00
20	1000	cach	Dirasion Control - Sand Bags	\$ 4.61 S	4,610,00	\$ 5.82	\$ 5,820.00	69	4.70 S	4,700,00
21	100	Lf.	Ercsion Control - Rock Filter Check Dams	S 14.92 5	1,492.00	\$ 49,02	\$ 4,902.00	S	65.64 S	6,564.00
22	-	Ls.	Liarthwork	S 50,921.41 \$	50,921.41	S 72,028.16	S 72,028.16	US.	439,100,00 \$	439,100.00
23	500	s.y.i.p.	Solid Sod Replacement	S 12.46 S	6,230,00	\$ 13.44	\$ 6,720.00	₽ŷ	12,00 \$	6,000.00
24	1	l _{aSa}	l andscape Replacement	\$ 8,723.53 \$	8,723,53	S 9,408,00	S 9,408.00	s	8,400.00 S	8,400.00
25	450	S.Y.I.D.	J.andscape Mulch	S 5.19 S	2,335,50	\$ 5.60	S 2,520.00	\$	5.00 S	2,250,00
26	1,630	cach	Liriope Spicata (1 gallon minimum)	\$ 8.31 \$	13,545.30	\$ 8.96	\$ 14,604.80	55	8.00 S	13,040.00
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28	1	LS.	ungauou oneves (Dum tout of + aitu o) Existing Irritation Adlustments	0 0	2 746 01 S	149.00	S 15 004 00	n 4	4,815.00	00 20 20 20 20 20 20 20 20 20 20 20 20 2	× 00	5,60U,0U
29	1	L.S.	Demolition	s 1	5.631.38 \$	16.631.38	S 145 906 07	9 69	45 906.07	S 380,000	5 00	380.000.00
30	2,900	S.V.L.D.	Saw-Cut and Removal of Existing Exterior Asphalt or Concrete Surfaces	s	15.21 S	44,109.00	S 14.64	0 69	42,456.00	s 15	64 S	45,356,00
31	100	Lf.	Salvage of Existing Abandoned Trolley Rails in University Blvd	s	41.16 S	4,116,00	\$ 7,35	s	735.00	S 100	.00 S	10,000.00
32	1,500	s.y.lap.	Geonexule Fabric (To Be Used Only as Directed by the Owner's Representative)	s	2.54 S	3,810.00	\$ 3.65	s	5,475.00	4	23 \$	6,345.00
33	500	c.y.i.p.	Unsuitable Material Hxcavation, Off-Site Disposal, Replacement (To Be Used Only As Directed By The Owner's Representative)	S	35.00 S	17,500.00	\$ 26.95	S	13,495.00	\$ 30	.25 \$	15,125,00
34	25C	c.y.i.p.	Crushed Aggregate No., 2 Limestone (To be Used Only As Directed By The Owner's Representative)	s	54.14 S	13,535,00	\$ 65,00	vi	16,250.00	\$ 67	.25 S	16,812.50
35	45	S.V.1.D.	Concrete Pavement	s	101,77 S	4,579.65	\$ 109.76	s	4,939.20	S 110	.00 S	4,950,00
36	400	s.y.i.p.	Concrete Sidewalk	s	90.87 S	36,348.00	S 98.00	69	39,200.00	S 71	.53 S	28,612.00
37	-	l.s.	Concrete Step Replacement at Reese-Phifer Hall (Two (2) Locations)	S 11	5,577.72 S	15,577,72	S 16,800.00	643	16,800,00	5 16,000	.00 S	16,000,00
38	-	l _{*5*}	Handrail Replacement at Northwest Corner of Reese-Phifer Hall	\$ 2(0,770,30 S	20,770,30	S 17,304.00	69	17,304,00	\$ 7,950	.00 Ş	7,950.00
39	1	IsS.	Trench Drain Replacement at Reese-Phifer Hall	S 10	5,860.46 \$	16,860.46	s 12,379,80	s c	12,379,80	5,411	00 \$	5,411.00
40	575	5-Y-I-p.	Nemoval and Neplacement of Drick Favers 6 th Cuch	AU	2 12 22	02,830.00	\$ 20.15U4	n u	01,/00.00	00 00 00	75 0	30,000,00 16 521 25
42	650	s.v.i.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 Tipe "B" (Sidewalk and Brick Dover Arasi 41" Commercial Trincheses)	s s	21.37 \$	13,890.50	s 16,92	n un	10,998,00	3 15	67 \$	10,185,50
43	45	s.y.i.p.	Crushed Aggregue Limestone Hase Course, N.DOT 825 Type "b" (Concrete Pavement Areas) (6" Compared Thickness)	s	30,87 Ş	1,389.15	S 20.36	s	916.20	\$ 59	.43 \$	2,674.35
44	2,000	s.y.I.p.	Crushed Aggregate Limestune liase Course, ALDOT 825 Tipe "B" (Asphait Pavement Areas) (12" Compacted Thickness Placed in Two (2) Hqual Jayers)	s	26.44 S	52,880.00	\$ 34.94	s	69,880.00	\$ 29	.72 \$	59,440.00
45	2,000	s_y.i.p.	Superpave Biuminous Concrete Binder Layer, ALDOY' 424B, 1" Maximum Aggregate Size Mix, FiSAL, Range 15 (440 lb/sy)	S	23.89 \$	47,780.00	\$ 25.19	s	50,380.00	\$ 22	.49 S	44,980.00
46	2,425	s.v.i.p.	Superpave Biuminous Concrete Wearing Surface, ALDOT 424A, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D (165 lb/sv) (Includes Tack Coat)	s	14.54 S	35,259.50	\$ 12.16	S	29,488.00	\$ 10	86 \$	26,335.50
47	425	S.V.I.D.	Milling of Existing Asphalt	s	1,56 \$	663.00	\$ 5.60	s	2,380.00	s.	\$ 00	2,125,00
48	1,000	l _* f.	Temporary Traffic Striping (All Types and Color)	s	1.04 \$	1,040.00	\$ 1.12	s	1,120.00	S 1	00 \$	1,000.00
49	-	l.S.	Temporary Traffic Markings (All Types and Color)	s	5,189.55 S	6,189.55	\$ 6,675.20	S	6,675,20	5,960	00 \$	5,960.00
50		I _* S ₁	Temporary Traffic Legends (All Types and Color)	\$	5:9.26 \$	519.26	S 560.00	s	560.00	S 500	00 S	500.00
51	4	cach	Permanent Traffie Markings, Class 2, Type 'A', Bike Symbol Dommanunt Traffie Markings (Class 2, Tuno 'A', Srun Bar	s u	155.78 S	1 038 50	S 168,00	s v	672,00 1 1 20 00	s 150 * 20	00 S	600,00 1 000 00
53	75	Lf.	1 University Light Markings, Class 2, 17pc (A), 200P Dat Permanent Traffic Markines, Class 2, Tyne (A), Crosswalk	2 0	20.77 5	1 557 75	S 22.40	n u	1 680.00	s 20	2 00	1 500.00
53A	620	l,f.	Permanent Traffie Markings, Class 2, Type 'A', 24" Wide Yellow Hatching	o s	20.77 \$	12,877.40	s 22.40	69	13,888.00	s 20	00 S	12,400.00
54	50	s.f.i.p.	Traffic Markings, Bike Zone (Green)	S	10.38 \$	519,00	S 11.20	s	560.00	\$ 10	00 S	500.00
55	200	Lf.	Traffic Striping, Solid White, Class 2, Type 'A'	s	3.12 \$	624.00	\$ 3,36	S	672.00	3	S 00.	600.00
56	800	l,f.	Traffic Striping, Double Solid Yellow, Class 2, Type 'A'	s	6.23 S	4,984,00	\$ 6.72	s	5,376.00	6	00 S	4,800.00
57	3	cach	Removal and Relocation of Existing Traffic Signage, Posts, Base, and Other Necessary Appurtenances (Includes Repaining of Post)	ŝ	l,038.52 S	3,115,56	\$ 1,120,00	S	3,360.00	\$ 1,000	.00 S	3,000.00
58	1	L.S.	Replacement and Relocation of Jixisting Traffic Signal Jiquipment at Southeast Corner of Staclium Drive and University Boulevard Intersection	\$ 100),700.63 \$	100,700.63	S 74,177.60	ŝ	74,177,60	96,966	.00 \$	96,966.00
59	1].Sa	Repaint J:xising Traffic Signal Pole at Southeast Corner of Stadium Drive and University Boulevard Intersection and J:xisting Four (4) Lightpoles	\$ 2.	1,507+64 S	21,507.64	\$ 8,713.60	S	8,713.60	\$ 20,710	\$ 00	20,710.00
60	1	l _s S _*	Replacement of Traffic Signal Loops	S 45	5,745.54 \$	45,745,54	\$ 15,433.60	69	15,433.60	\$ 44,049	00 S	44,049,00
61	50	L.f.	15" Diameter Storm Drain	S	157.68 S	7,884.00	\$ 214.52	s	10,726.00	S 118	.50 S	5,925,00
62	111	l,£	18" Diameter Storm Drain	s	156.50 S	17,371.50	\$ 209,46	69	23,250.06	S 111	.50 S	12,376.50
63	163	l,f.	36" Diameter Storm Drain	ŝ	221,17 \$	36,050.71	S 307.34	6 9	50,096.42	\$ 203	.50 S	33,170.50
64	216	Lf.	48" Diameter Storm Drain	64	319.52 \$	69,016.32	\$ 570.49	5	23,225.84	S 350	.00 S	75,600.00
65	540	l,f.	Post Construction CCTV of Storm Sewer	S	3,14 5	1,695.60	5 7.56	5	4,082.40	0 1100	00 S	2,700,00
66	3	each	Storm Drainage Structure, Junction Box	\$ 10),972.11 \$	32,916.33	S 14,440.37	69 1	43,321.11	7,100	00 S	21,300.00
67	4,	cach	Storm Drainage Structure, Curb Catch Basin (Triple Grate)	i ri v ev	375.52 \$	45,502,08	S 10,2/1.36	<i>9</i> 0	41,085,44	000/00	s 00	50,000.00
69 69	4	cach	Storm Drainage Structure, Special Kectangular Comment to Evisiting Storm Inley/Main	0 4	e 10.400,1 0 176.52 S	1 C.FCU,1 / 8 506.08	s 1.416.29	0 0	5.665.16	3,500	00 S	14.000.00
70	20	c.y.L.p.	Grout Fill of Existing Storm Drain	\$	385,87 S	7,717.40	\$ 693.07	r 09	13,861.40	\$ 350	.00 S	7,000.00
71	25	cach	32" Non-traffic Bollards - Fixed (3" x 3" x 3/16" HSS)	S	(,350.00 S	33,750.00	S 879.20	60	21,980.00	\$ 850	,00 S	21,250.00

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72	2.5	each	Removal and Replacement of Existing Pedestrian Bollards	5	115 53 5	3 388 75 5	870.20 S	21 080 00 S	850.00	01 050 M
73	195	1.F.	Chine Beruren New Bullarde	v	25 QK S	₹ 0,600,70 ₹	S 07770	1 528 80 8	00.00	4 875 00
74	260	Lf.	Removal and Replacement of Chains Berween Exiting Pedestrian Bollards	5 0	2 00.52 25.00 S	\$ 0000059	7.84 5	2 038 40 \$	00 52	6 500.00
75	6	cach	Trash Receptacles (Installation Only)	> 09	1.764.66 \$	10.587.96 \$	1.341.54 S	8.049.24 S	250.00	1.500.00
			University Blvd Improvements from Colonial Drive to Stadium Drive - Subtotal	S		1,286,811.39 S		1,494,790.97 \$		1,950,644,10
UA Nam	ral Gas Mair	n Extensi								
76	1	s	Mohilization & Demohilization	5	7 466.05 5	7 466 05 C	2 00 009	S UU UU	3 850 00	3 850 00
12	1	Ls.	Construction I ayout	1 00	1.557.77 S	1.557.77 S	1.050.00 \$	1.050.00 S	1.500.00	1.500.00
78	1	Ls.	GPS of Utilities and As-Built Drawings	s	1.557.77 \$	1,557.77 \$	1,680.00 \$	1,680.00 \$	1,500.00	1,500.00
62	1	Ls,	LA Bronze Utility Marker Installation	50	2,386.15 S	2,386,15 \$	4,094.34 \$	4,094.34 \$	1,500,00	1,500.00
80	415	l.f.	4" UA Natural Gas Main	S	44.29 S	18,380.35 \$	53.91 S	22,372.65 \$	54.50	22,617.50
81	-	each	4" UA Natural Gas Main Connection	s	8,027.29 S	8,027.29 \$	3,920.00 \$	3,920.00 \$	5,000.00	5,000,00
82	10	each	4" UA Natural Gas Main Valve with Valve Box	s	1,950.72 S	9,753.60 S	2,016.00 \$	10,080.00 \$	2,348.75	11,743.75
83	41c	l _e F.	(ras Main Cleaning and Testing	s	9,000 S	3,735.00 \$	5 671	3,025.35	00°C	2,075.00
			UA Natural Cias Main Extension - Subtoral	s		52,863.98 \$		46,822.34 \$		49,786.25
Waterma	in Extension	o and Rel	cations							
84		l.s.	Mobilization & Demobilization	5	7.466.05 S	7.466.05 S	1.000.00 S	1.000.00 S	5.000.00	5.000.00
85	1	l.s.	Construction Layout	S	3,634.80 S	3,634,80 \$	2,850.00 \$	2,850,00 \$	3,500,00	3,500.00
86	1	l.s.	GPS of Utilities and As-Built Drawings	S	3,634.80 S	3,634,80 \$	3,920.00 \$	3,920.00 \$	3,500.00	3,500.00
87	1	I _a S _a	UA Bronze Unliny Marker Installation	S	2,386,15 S	2,386,15 \$	2,047.17 S	2,047,17 S	1,500.00	1,500,00
88	390	Lf.	12" Ducule Iron Class 350 Watermain	s	1:8,78 S	46,324.20 S	137.52 S	53,788.80 \$	102.00	39,780.00
89	75	l.f.	8" Ductile Iron Class 350 Watermain	s	108.38 S	8,128.50 S	116.28 \$	8,721,00 \$	83,00	6,225.00
90	20	1.6	6" Ductile Iron Class 350 Watermain	S	109.78 S	2,195.60 S	127.59 \$	2,551.80 \$	75.00	1,500.00
16	20	15	2ª Brass Service Watermain (City)	s	139.27 S	2,785.40 \$	86.67 5	1,733.40 \$	102.00	2,040.00
26	-	cach	112° Stoppic Valve	A	\$ 6/.CO/.7	\$ 6/.00/,71	12,100.00 3	5 00.001,21	C DULUCIT'S	00"001"6
8 8	K	Cath	1.2. Japping sieve and Yaive With Vaive Dox	U	2 040 20	1E 707 17 C		17 671 10 C	1 750 00	000001
95	~ t	each	12 vaive with valve box 8" Valve with Valve Box	n U.	2 362 36 5	7 (187.08 S	2.242.90 S	6 728.70 S	2.750.00	8.250.00
96	1	cach	6" Valve with Valve Box	N VS	1,866.23 S	1,866.23 \$	1,399.09 \$	1,399.09 S	2,150.00	2,150.00
26	1	cach	Scrvice Main Saddle Connection and Valve	s	1,876,42 S	1 _* 876.42 \$	1,344.03 \$	1,344.03 S	1,200.00	1,200,00
98	1100	lbs.	Watermain Fittings (Compact)	S	5.07 \$	5,577,00 \$	9.45 S	10,395.00 \$	8.54	9,394.00
66		cach	Main Connection	0	1,279.62 5	3,838,86 \$	2 18.5cč.1	4,061,45	1,200,00	4 800.00
100	4.	cach	End Line Restraint	UA (1,6/4.97 \$	0,099,888 \$	7 020 70 5	7 020 70 5	1 000 00	4,800.00
101		cach	Reconnection of Justitung Litte Flydrant Tilte Hudener Assembly	n v	C 01"C01"7	\$ 01 001,2	7 010 58 50	7 010 58 5	00,000,1	5 650.00
103	505	1.6	Watermain Distinfertion and Testing		10.48	5 292.40	5 259	3 317.85 \$	4.00	2.020.00
104	10		remains a margared Easter Westernarie	2 0	3 24 32 5	S 013 20 2	2 00 955	5 00 00 5	350.00	3 500.00
105	1	ls.	Removal of Existing Abandoned Watermain	¢ 09	3.733.03 S	3.733.03 \$	27.919.25 5	27.919.25 S	12,150,00	12,150.00
			Watermain Extension and Relocations - Subtoral	\$		154,610.54 S		183,932.48 S		143,809,00
			Base Bid - Total	s		1,494,285.91 S		1,725,545.79 \$		2,144,239.35
ALTER	NATE No	1 - FYT	ENSION WEST OF STADIIM DRIVE							
Universit	v Blvd Impr	OVETTERI	West of Stadium Drive							
110	1	l _s S.	Mobilization & Demobilization	S	19,460.90 S	19,460,90 S	8,253.78 S	8,253,78 \$	8,500,00	8,500.00
111	1] _{sSu}	ADI:M Stormwater Permit, Monitoring, and Reporting	ŝ	2,077.03 S	2,077.03 \$	2,240.00 \$	2,240.00 S	2,000.00	2,000.00
112	1].s.	Construction Layout	S	3,634.80 S	3,634.80 S	3,920.00 S	3,920.00 \$	3,500.00	3,500,00
113	1	$l_{*}s_{*}$	GPS of Utilities and As-Built Drawings	US.	2,077.03 S	2,077.03 \$	2,240.00 \$	2,240.00 \$	2,000,00	2,000.00
114	1	l.S.	UA Bronze Utilin, Marker and Storm Inlet Marker Installation	S	1,452.70 S	1,452,70 S	2,047,17 \$	2,047.17 \$	2,500,00	2,500.00
115	1	$l_s s_s$	Adjustment of All Existing Manhole, Vault, Etc. Covers to Finish Grade	s	985.98 \$	985,98 \$	1,547,56 \$	1,547.56 S	4,250,00	4,250.00
116	10	cach	Traific / Pedestrian Control Signage	s	155.78 S	1,557,80 S	168,00 \$	1,680.00 \$	850.00	8,500,00
117	۱n	cach	Traific / Pedescrian Wayfinding Signage	S	259.63 \$	1,298,15 \$	280,00 \$	1,400.00 \$	500.00	2,500.00
118	100	cach	Traffic Control, Drums	s	30.12 \$	3,012.00 \$	32.48 5	5,248.00 S	40.00	4,000.00
130	4	cach	J raitic Control, Isarncades, Lype 3 Traitic Control Torow Borriow No Doctol with Unree Docale	n u	2 10.007 2 170 01 S	3 458 20 8	\$ 00.262	1 855 00 8	408.00	8 160.00
121	200	16	Traine Conuor, Jetsey transteas (10-Oucks) with a chice a aneas Doc-Driven Site Constraint Forching	a v	28.14 S	5 628.00 \$	30.35 S	6.070.00 \$	27.10	5,420,00
	100		L Dar DIMUTURE AND	2	10,000	a The second second second				Page 3 of 9
										a

122	200	S.Y.J.D.	Erosion Control - Temporary Grassing / Mulching (hydraule application)	S	2.08 \$	416.00	\$ 0.2	57 S	54.00	٥ ٩	57 S	114.00
C21	100	S*V.T-D-	trostor Control - Lemporary Mulching Unly (hydraulic application)	s	4,15 5	415.00	\$ 0.2	3 S	23.00	8	57 \$	57.00
124	-	cach	Erosion Control - Construction Exit Pad	\$ 1,2(07,79 S	1,207.79	\$ 3,527.8	80 Ş	3,527.80	\$ 2,175	00 \$	2,175.00
125	100	Lf.	Erosion Conrol - Wattles	ŝ	1.82 \$	182,00	\$ 5.5	12 S	592.00	5	50 \$	550.00
126	2	cach	Erosion Control - Inlet Protection	\$ 4	10,21 \$	820.42	S 510.2	2 S	1,020.64	S 450	00 S	900*006
127	200	cach	Litosion Control - Sand Bags	s	4.55 S	910.00	\$ 5.8	2 5	1,164.00	\$ 4	.70 S	940.00
128	50	l"f.	Brosion Control - Rock Filter Check Dams	s	14.74 S	737.00	\$ 52.7	3 S	2,636.50	\$ 65	.64 S	3,282.00
129	1	l.s.	Earthwork	S 15,5	70.62 S	15,570.62	S 15,874.1	4 S	15,874.14	S 15,477	50 S	15,477.50
130	200	s y i.p.	Solid Sod Replacement	s	18.69 S	3,738.00	S 20.1	6 S	4,032.00	\$ 18	00 S	3.600.00
131	1	Ls.	Estimation Adjustments	S 1.2	46.22 S	1,246.22	S 1.344.0	0 S	1.344.00	s 1,200	00 S	1.200.00
132	375	s.y.i.p.	Saw-Cut and Removal of Itxisting Exterior Asphalt or Concrete Surfaces	S	24.62 S	9,232.50	S 14.0	S S	5,493.75	\$ 25	84 S	9,690.00
133	1	l.s.	Demolition	S 5,00	31.17 S	5,031.17	\$ 1,120.0	0 S	1,120.00	\$ 5,000	00 S	5,000.00
134	350	s.y.t.p.	Gentextile Fabric (To Bc Used Only as Directed by the Owner's	S	3.63 S	1,270.50	\$ 3.0	s to	1,074.50	8	23 \$	1,480.50
135	100	c.y.l.p.	Unsuitable Material Fixeavation, Off-Site Disposal, Replacement (To Be Used Only As Directed By The Onner's Representative)	s	35.00 Ş	3,500,00	\$ 26.9	\$ 60	2,699.00	\$ 45	38 \$	4,538.00
136	100	c.y.l.p.	Crushed Aggregate No. 2 Limestone (To be Used Only As Directed By The Owner's Representative)	S	46.67 \$	4,667_00	S 65,(00 Ş	6,500.00	\$ 67	25 Ş	6,725,00
137	25	s.y.i.p.	Concrete Sidewalk	S	95.54 S	2,388.50	S 103.0	14 S	2,576.00	\$ 120	00 S	3,000.00
138	100	L,E.	6" Curb	s ,	41.54 S	4,154.00	\$ 44.8	80 Ş	4,480.00	\$ 32	50 \$	3,250.00
139	25	s.y.J.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 Type "B" (Sidewalk Areas) (4" Compacted Thickness)	S	44.72 \$	1,118,00	S 13,5	S Z	339,25	\$ 62	.66 \$	1,566.50
140	350	S ₄ Y ₄ I ₆ P.	Crushed Aggregate J.imestone Base Course, ALDOT 825 Type "B" (Asphalt Pavement Areas) (12" Compacted Thickness Placed in Two (2) Isqual Layers)	s	40.69 \$	14,241.50	\$ 34,1	s 8	11,963,00	\$ 29	.72 \$	10,402.00
141	350	s.y.i.p.	Superpave Bituminous Concrete Binder Layer, ALDOT 424B, 1" Maximum Aggregate Size Mix, ESAL Range E (440 lb/sy)	s	23.89 \$	8,361.50	S 26.2	S.	9,187.50	ş 23	.44 S	8,204.00
142	475	s.y.1.p.	Superpave Bituminous Concrete Wearing Surface, M.DOT 424A, 3/8" Maximum Aggregate Size Mix, 1:SA1. Range C/D (165 lb/sy) (Includes Tack Coat)	s	14.54 \$	6,906.50	s 13.2	5 S	6,293.75	\$ 11	.83 \$	5,619.25
143	125	s.y.t.p.	Milling of Existing Asphalt	\$	1.56 S	195.00	\$ 5.(s 0	700.00	4 8 U	00 S	625.00
144	500	Ľſ.	Temporary Traffic Striping (All Types and Color)	\$	1.04 S	520.00	S 1.1	2 S	560.00	\$ 1	.00 S	500.00
145	1	L _{sSa}	Temporary Traffic Markings (All Types and Color)	S 3,32	23,25 S	3,323.25	\$ 3,584.0	0 S	3,584.00	\$ 3,200	00 Ş	3,200.00
146	1	Ls.	Temporary Traffic Legends (All Types and Color)	\$ 5.	19,26 \$	519,26	S 560.0	00 S	560.00	\$ 500	.00 S	500.00
147	2	each	Permanent Traffic Markings, Class 2, Type 'A', Bike Symbol	\$ 13	55.78 Ş	311.56	S 168.(00 S	336.00	\$ 150	00 S	300.00
148	100	l.f.	Permanent Traffic Markings, Class 2, Type 'A', Stop Bar	s	20.77 S	2,077,00	S 22.4	0 S	2,240,00	\$ 20	\$ 00	2,000.00
149	300	Lf.	Permanent Traffic Markings, Class 2, Type 'A', Crosswalk	S	20.77 S	6,231.00	S 22.4	0 S	6,720.00	\$ 20	00 Ş	6,000.00
150	20	s.f.i.p.	Traffic Markings, Bike Zone (Green)	S	10 _* 38 \$	519.00	S 11.2	0 S	560.00	\$ 10	.00 S	500.00
151	100	L _a E.	Traffic Striping, Solid White, Class 2, Type 'A'	Ş	3.12 \$	312.00	\$ 3.2	6 S	336.00	\$ 3	00 S	300.00
152	200	Lf.	'I'raffic Striping, Double Solid Yallow, Class 2, 1'yp2 'A'	\$0	6.23 \$	1,246.00	\$ 6,7	2 S	1,344,00	\$:00	1,200,00
153	46	Lf.	18" Diameter Storm Drain	s	59.67 S	2,744.82	S 231.0	4 S	10,655.44	\$ 111	50 S	5,129.00
154	92].f.	36" Diameter Storm Drain	S 1.	45.24 S	13,362.08	S 315.8	54 S	29,057.28	S 203	.50 S	18,722.00
155	138	lsf.	Post Construction CCTV of Storm Sewer	s	3.14 S	433,32	\$ 7.5	6 S	1,043.28	\$\$ 0	.00 S	690.00
156	1	cach	Storm Drainage Structure, Junction Box	S 7.9(06.30 S	7,906,30	\$ 9,597,1	1 5	9,597,11	S 4,200	00 Ş	4,200.00
157	2	cach	Storm Drainage Structure, Curb Catch Basin (Triple Grate)	\$ 12,69	92.55 S	25,385,10	\$ 6,543,9	17 S	13,087.94	S 8,450	00 S	16,900.00
			University Blvd Improvements West of Stadium Drive - Subtotal	\$		196,777.18	S		197,885.39	S		200,606.75
UA Natu	tral Gas Mai	n Extensi	uc.									
158	1	l.s.	Mobilization & Demobilization	S 7,4(66.05 S	7,466.05	\$ 500.0	00 S	500.00	\$ 1,500	.00 S	1,500.00
159	1	$l_s S_s$	Construction Layout	S 1,0	38.52 S	1,038.52	S 850.(00 S	850.00	\$ 1,000	.00 S	1,000.00
160	1	L.S.	GPS of Utilities and As-Built Drawings	S 1.0	38.52 S	1.038.52	S 850.0	0 S	850.00	S 1.000	00 5	1,000.00

LA Nati	stal Cras Main	Extensio	U1		1.1				1			1
158	1	l.s.	Mobilization & Demobilization	\$ 7,466.05	S	7,466.05 \$	500.00	s	500.00 Ş	1,500.00	\$ 1,500	00
159	1	$l_{\rm s}S_{\rm s}$	Construction Layout	S 1,038.52	S	1,038.52 S	850.00	s	850.00 \$	1,000.00	\$ 1,000	00
160	1	L.S.	GPS of Utilities and As-Built Drawings	\$ 1,038.52	s	1,038.52 S	850.00	s	850.00 Ş	1,000.00	\$ 1,000	00
161	1	$1_{\rm s} S_{\rm s}$	UA Bronze Utility Marker Installation	\$ 1,452.70	S	1,452.70 S	409.43	s	409:43 \$	1,500.00	\$ 1,500	00
162	100	L.f.	4" UA Natural Gas Main	S 32,36	S	3,236.00 \$	53.92	s	5,392.00 \$	58.29	\$ 5,829	00
163	100	l,£.	Gas Main Cleaning and Testing	\$ 37.35	S	3,735.00 \$	7.29	s	729.00 S	15.00	\$ 1,500	00
Ites			UA Natural Gas Main Extension - Subtotal	s		17,966.79 \$			8,730.43 \$		12,329	00
												ň

Watermai	n lixtension	and Rele	scations							
164	-	Ls.	Mobilization & Demobilization	7,466.0	5 S	7,466.05 S	500.00	500.00	1,500.00	\$ 1,500.00
165	- ,	L _s S,	Construction Layout	1,038.5	2 S	1,038.52 S	850.00	850.00	1,000.00	5 1,000.00
167	- -	I,S,	Corbs of Utduces and As-Boult Drawings	1,038.5	52 S	1,038.52 S	850.00	850.00	1,000.00	1,000.00
10/	400	J.S.	UA Bronze Utility Marker Installation	1,452.7	0 S	1,452.70 \$	1,023.59 \$	1,023,59 5	1,000.00	1,000.00
169	100	16	12 Ducule from Ulass 200 Watermain Weitermeine and Therman	04.2	2 0	5,424,00 \$	2 21.621	12,915.00	162.20	16,550.00
170	1	le	Remining of Evictivity Abandonoi Worremoin	2.20 2 200 2	0 0	\$ 00.042,c	11 012 46 5	11 016 26 5	00.01	2 400 00
171	700	lhs	Without the second strategies wateritati		0 0	S 000012	0000011	5 071 00 5	00.004,0	7 1 22 00
			Watermain Lixtension and Relocations - Subtotal	2.2	2	31.858.33 S	¢ 1770	34 034.25	10112	33.083.00
			Alternate No. 1 - Total	. (9		246,602.30 S		240,650.07		246,018.75
ALTERY	NATE 2 (Co	olonial L	Drive to Rose Administration Entrance)							
University	Blvd Impre	ovements	Between Colonial Drive and Rose Administration Entrance							
200	-	J _* S*	Mobilization & Demobilization	29,897.9	17 S	29,897.97 \$	8,925.78 \$	8,925.78	20,000,00	\$ 20,000.00
201	-	I ₀ S ₈	ADEM Stormwater Permit, Monitoring, and Reporting	\$ 4,154.0)6 S	4,154,06 \$	4,480.00 \$	4,480,00 \$	4,000,00	\$ 4,000.00
202	-	l.S.	Construction Layout	7,788.8	86 S	7,788,86 \$	8,400.00 \$	8,400.00	7,500.00	\$ 7,500.00
203		l _a S _a	GPS of Utilities and As-Built Drawings	3,634,8	80 S	3,634.80 \$	3,920.00 \$	3,920.00 \$	3,500.00	\$ 3,500.00
204	-	l.s.	UA Bronze Utilin' Marker and Storm Inlet Marker Installation	1,452.7	0 S	1,452.70 S	2,047.17 S	2,047.17 \$	1,500.00	\$ 1,500,00
205	-	I _s s+	Adjustment of All Existing Manhole, Vault, Etc. Covers to Finish Grade	2,386.1	5 S	2,386.15 \$	3,210.11 \$	3,210,11 \$	4,500.00	\$ 4,500.00
206	15	cach	Trattic / Pedestrian Control Signage	s 155,7	s s	2,336.70 \$	168.00 \$	2,520,00	850.00	\$ 12,750.00
207	10	cach	Traffic / Pedestrian Wayfinding Signage	\$ 259.6	3 S	2,596.30 \$	280,00 \$	2,800,00	500.00	5,000,00
208	200	cach	Traffic Control, Drums	5 30.1	2 S	6,024,00 \$	32.48 \$	6,496.00	\$ 40.00	\$ 8,000.00
209	4	cach	Traific Control, Barricades, Type 3	\$ 233.6	57 S	934.68 S	252.00 \$	1,008.00	\$ 185.00	\$ 740.00
210	35	cach	Traffic Control, Jersey Barriers (Yo-Docks) with Fence Panels	\$ 172.9	11 S	6,051.85 S	91.00 S	3,185.00	\$ 408.00	5 14,280,00
211	700	l"f.	Post-Driven Site Constraint Fencing	\$ 28.1	4 S	19,698.00 \$	30.35 \$	21,245.00	\$ 27.10	\$ 18,970.00
212	2	cach	Firosion Control - Construction Exit Pad	1,207.7	S 6	2,415.58 \$	3,527.79 \$	7,055.58	2,175,00	\$ 4,350,00
213	500	S.y.l.p.	Hrosion Control - Temporary Grassing / Mulching (hydraulic application)	5 1.5	66 S	780.00 \$	0.28	140,00	\$ 0.57	\$ 285.00
214	200	s-y.J.p.	Erosion Control - 'I'emporary' Mulching Only (hydraulic application)	5 2.0	8 S	416.00 \$	0.23 \$	46,00	s 0.57	S 114.00
215	500	l _* f.	Erosion Control - Wattles	5 1.8	82 S	910.00 \$	5.92 \$	2,960.00	5.50	\$ 2,750.00
216	9	each	Erosion Control - Inlet Protection	\$ 410,2	21 S	2,461.26 S	510.32 S	3,061.92	\$ 450.00	\$ 2,700.00
217	400	cach	Erosion Control - Sand Bags	5 4.6	6 S	1,864.00 \$	5.81 S	2,324.00	4 ,70	\$ 1,880.00
218	100	Lf.	Erosion Control - Rock Filter Check Dams	S 15.0)1 S	1,501.00 S	52.73 \$	5,273,00	65.64	\$ 6,564.00
219	-	I.S.	Earhwork	31,650,7	72 S	31,650=72 \$	22,237,20 \$	22,237,20	26,770,00	\$ 26,770.00
220	200	s.y.i.p.	Solid Sod Replacement	S 18.6	59 S	3,738.00 S	20,16 \$	4,032,00	18.00	3,600.00
221	500	s.y.i.p.	1 andscape Mulch	5 5.1	9 S	2,595.00 \$	5.60 \$	2,800.00	5.00	\$ 2,500.00
222	100	L.f.	Irrigation Sleeves (Dual Run of 4" and 6")	S 19.9	04 S	1,994,00 \$	48.15 S	4,815.00	36.00	\$ 3,600.00
223	1	l.S.	Existing Irrigation Adjustments	10,904.4	H 5	10,904.41 S	11,760.00 S	11,760.00 S	10,500.00	5 10,500,00
224	1,400	s.V.L.p.	Saw-Cut and Removal of Existing Exterior Asphalt or Concrete Surfaces	S 16.9	04 S	23,716.00 S	14.64 S	20,496.00	5 15.64	\$ 21,896.00
225	1	1.S.	Demolition	30,140.7	72 S	30,140,72 \$	952.00	952,00	5,000.00	5,000,00
226	1,000	s-y.i.p.	Geotexuile l'abric (Ito Be Used Only as Directed by the Owner's Remercemention)	5.2.5	s4 S	2,540.00 \$	3.07 \$	3,070.00	4.23	\$ 4,230.00
227	500	c.y.i.p.	Unsuitable Material Excavation, Off-Site Disposal, Replacement (To Be Used Only As	S 35.0	00 S	17,500.00 \$	26.99 \$	13,495.00	30,25	\$ 15,125.00
000	000		Directed by Lue Owiter's representative) Crushed Aggregate No. 2 Limestone (I'o be Used Only As Directed By The Owner's			000000	00 12	13 000 00	30 27	13 450 00
977	700	c*y*1*P.	Representative)	C*0+ 0	¢ 10	¢ 00.202,4	¢ 00°00	0,00,00,01	C7-10 0	10,400 V
229	260	s.v.i.p.	Concrete Sidewalk	\$ 90,8	s7 s	23,626.20 \$	98,00 \$	25,480.00	5 71.53	\$ 18,597,80
230	460	Lf.	6" Curb	5 35.3	51 \$	16,242.60 S	38.08 \$	17,516.80	5 28.75	5 13,225.00
231	260	s.y.J.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 17,pe "B" (Sidewalk Areas) (4" Commarred Thickness)	5 23.7	14 S	6,172,40 S	13.50 \$	3,510.00	3 15.67	\$ 4,074.20
232	1,150	s.y.i.p.	Crushed Aggregate Limestone Base Course, ALDOY' 825 Type "B" (Asphalt Pavement	S 28.5	5 65	32,878,50 \$	34,74 S	39,951.00	29.72	\$ 34,178.00
Ī			Arcas) (12" Compacted Thickness Placed in Two (2) Equal Layers)		-					
233	1,150	s.y.ī.p.	ouperpare mumimous concrete miner tayer, multi +2-49, 1 - maximum nggregate and Mix, ES/U. Range E (440 lb/sy)	S 23.8	39 S	27,473.50 S	25.80 S	29,670.00	23.04	\$ 26,496.00
234	1,780	S«y"ľ"p"	Superpave Bitumhous Concrete Wearing Surface, ALDOT 424A, 3/8" Maximum Appreepte Size Mix, ESAL Range C/D (165 lb/sv) (Includes Tack Coat)	\$ 14.5	54 S	25,881.20 \$	12.23 S	21,769.40	3 10,92	\$ 19,437.60
235	630	S.y.J.p.	Milling of Existing Asphalt	5 1.5	56 S	982.80 \$	5.60 S	3,528.00	5,00	\$ 3,150.00
236	1,000	1,f.	Temporary Traffic Striping (AUI Types and Color)	5 1.0)4 S	1,040.00 \$	1.12 \$	1,120.00	1.00	\$ 1,000.00
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237	1] _{sSs}	Temporary Traffic Markings (All Types and Color)	S 4	575-70 \$	4 575 70 S	4 034 72	4 034 72 8	4 40K 00 1	4 406 00
238	1	l _a Sa.	Temporary Traffic Legends (All Types and Color)	. VA	519.26 \$	519.26 S	560.00	560.00 5	500.00	500.00
239	4	cach	Permanent Traffic Markings, Cass 2, Type 'A', Bike Symbol	\$	I55.78 S	623.12 S	168,00	S 672.00 \$	150,00	600,00
240	100	l _* f.	Permanent Traffic Markings, Class 2, Type 'A', Stop Bar	s	20,77 \$	2,077.00 \$	22.40	2,240.00 \$	20.00 \$	2,000.00
241	300	lf.	Permanent Traffic Markings, Class 2, Type 'A', Crosswalk	S	20.77 \$	6,231,00 S	22,40 \$	6,720.00 \$	20,00 \$	6,000,00
241A	-	cach	Permanent Traffic Markings, Class 2, Type 'A' , Arrow	s	71.36 \$	171.36 S	184.80	S 184.80 \$	165.00	3 165.00
241B	120	I.f.	Permanent Traffic Markings, Class 2, Type 'A', 24" Wide Yellow Hatching.	S	20.77 S	2,492,40 S	22.40	2,688,00 \$	20,00 \$	2,400,00
241C	2	cach	Permanent Traffie Legends, Class 2, Type 'A', ONLY	42	233.67 \$	467.34 S	252.00	S 504.00 \$	225.00	\$ 450.00
242	100	s.f.i.p.	Traffic Markings, Bike Zone (Green)	S	10.38 \$	1,038.00 \$	11.20	; 1,120.00 \$	10,00 \$	1,000.00
243	500	l.f.	'Fraffic Striping, Solid White, Class 2, Type 'A'	S	3.12 S	1,560.00 \$	3.36 \$	1,680.00 \$	3.00 \$	1,500.00
244	250	l.f.	'Iraffic Striping, Double Solid Yellow, Class 2, Type 'A'	S	6.23 S	1,557,50 \$	6.72 \$	1,680.00 \$	6.00 \$	1,500.00
245	6	cach	Removal and Relocation of lixisting Traffic Signage, Posts, Base, and Other Necessary Ammirrenances (Includes Remaining of Pose)	\$ 1,()38_52 S	6,231.12 \$	1,120,00	6,720.00 \$	1,000.00 \$	6,000.00
246	104	l+f.	24" Diameter Storm Drain	S	46.18 5	15,202.72 S	224.82 5	5 23,381,28 S	145.50 S	15,132.00
247	205	4.6.	60" Diameter Storm Drain	S 2	128.95 \$	87,934.75 S	667.76	136,890,80 5	487.00 5	99.835.00
248	309	J.f.	Post Construction CCTV of Storm Sewer	s	3,14 \$	970.26 \$	7.56 \$	2,336.04 \$	5.00 \$	1,545.00
249	2	cach	Storm Drainage Structure, Junction Box	\$ 19,8	391.04 S	39,782.08 \$	25,107.34 5	50,214.68 S	8,750.00 S	17,500.00
250	4	each	Storm Drainage Structure, Curb Catch Basin (Triple Grate)	S 10,9	74.65 \$	43,898.60 \$	11,277.13 \$	\$ 45,108.52 \$	7,100.00 S	28,400.00
251	1	cach	Connect to Existing Storm Inlet	S 2,3	86.15 \$	2,386,15 \$	9,441.89	9,441.89 \$	2,500,00 \$	2,500.00
252	4	cach	Light Pole Assembly (Pole and Fixture Provided By UA, Installed by Contractor)	\$ 30,1	69.89 \$	120,679,56 S	2,688.00 5	5 10,752,00 S	29,051_00 \$	116,204.00
253	Ried Immered	I,S,	Sight Lighting, Conduits, and Conductors Removed Colorid Drive and Base Administration Economy Schmidt	\$ 27,()34.62 S	27,034.62 \$	12,454.40	12,454.40 S	26,032,00 \$	26,032,00
Suprawing a	outre pare	STRATIS.	APARACAN ANIMATINA MATUPA MINI ANONE AMILITING MANUALINE - QUODOTAL	Q:		¢ 00.410,101		c 20.000,040		012,001*00
WAterma	in Extension .	and Rel	scations							
254	1	l,S,	Mobilization & Demobilization	s 7,4	166.05 S	7,466.05 S	800.00	S 800.00 S	2,800.00 \$	2,800,00
255	1	I _s S.	Construction Layout	s 2,0	77.03 S	2,077.03 \$	1,800.00 \$	1,800.00 \$	2,000.00 \$	2,000.00
256	1	L.s.	GPS of Utilisics and As-Built Drawings	\$ 2,4	77.03 \$	2,077.03 \$	1,800.00 \$	1,800.00 S	2,000.00 S	2,000.00
257	1	$l_{a}S_{a}$	UA Bronze Utility Marker Installation	S 1,4	52.70 S	1,452.70 \$	1,023.59 \$	1,023.59 \$	1,000.00 \$	1,000.00
258	1	each	12" Stopple Valve	\$ 11,9	126,91 \$	11,926,91 \$	12,166.68 5	12,166.68 \$	9,150.00 \$	9,150.00
259		each	12" Tapping Sleeve and Valve with Yalve Box				Omitted Per Add	endum No. 2		
260	1	cach	12" Valve with Valve Box	S 3,9	140.35 S	3,940.35 \$	4,417.77 \$	4,417.77 \$	4,250.00 \$	4,250.00
261	225	l"f.	12" Ductile Iron Class 350 Watermain	\$	30.05 \$	29,261.25 \$	138,45 S	31,151.25 \$	102.00 S	22,950.00
262	450	Ibs,	Watermain Fittings (Compact)	s	5.07 5	2,281.50 \$	10.58 \$	4,761.00 \$	10.19 S	4,585.50
263	2	cach	Main Connection	S 1,1	93.07 S	2,386,14 S	1,353.82 \$	2,707_64 \$	2,500.00 \$	5,000,00
265	2	cach	Jind Line Restraint	\$ 2,5	065.93 S	5,931.86 \$	1,622.67 \$	3,245.34 \$	1,200.00 \$	2,400.00
266	225	l₅£.	Watermain Disinfecting and Testing	S	23.51 \$	5,289,75 \$	7,74 \$	1,741.50 \$	7.00 S	1,575.00
267	1	J _s S _s	Removal of Existing Abandoned Watermain	\$ 3,7	'33 _* 03 S	3,733.03 \$	15,021.54 \$	15,021.54 \$	7,575.00 S	7,575.00
			Watermain Extension and Relocations - Subtotal	S		77,823.60 \$		80,636.31 5		65,285,50
			Alternate No.* 2 - Total	(A)		808,898.10 \$		729,219.40		745,167.10
ALTERN	ATE 3 (Hyd	draulica	ully Retractable Bollards)							
300	1	L.S.	Mobilization & Demobilization	S 37,2	154.02 S	37,364.02 \$	7,357.77 \$	7,357.77 S	24,000.00 S	24,000.00
301	1	$l_{\rm s} s_{\rm s}$	Construction Layout	S 10,3	85.15 \$	10,385.15 S	11,200.00 \$	11,200.00 S	10,000.00 \$	10,000,00
302	1	$\mathbf{l}_{*}\mathbf{S}_{*}$	GPS of Utilitics and As-Built Drawings	S 4,0	73.32 S	4,673,32 S	5,040.00 S	5,040.00 S	4,500.00 S	4,500,00
303	1	$l_{\circ} S_{\circ}$	UA Bronze Udlity Marker and Storm Inlet Marker Installation	S 1,4	52,70 \$	1,452.70 S	4,094.34 \$	4,094.34 \$	3,000.00 \$	3,000.00
304	25	cach	Traffic / Pedestrian Control Signage	s	55 _* 78 S	3,894,50 S	168.00 \$	4,200.00 S	850,00 S	21,250,00
305	10	cach	Traffic / Pedestrian Wayfinding Signage	S	59,63 S	2,596.30 S	280.00 \$	2,800.00 \$	500.00 S	5,000.00
306	50	cach	Traffic Control, Drums	S	30,12 5	1,506.00 S	32.48 \$	1,624,00 \$	40.00 S	2,000.00
307	4	cach	Traffic Control, Barricades, Type 3	¢,	233.67 S	934.68 5	252,00	1,008,00 5	185,00	/40.00
308	50	cach	Traffic Control, Jersey Barriers (Yo-Docks) with Fence Panels	s	72.91 S	8,645.50 5	302.26 5	15,113.00 5	408.00 5	20,400.00
309	75	.l.f.	Lirasion Control - Wattles	s	1.82 5	136.50 5	2.92	5 444.00 5	002.6	412,50
010	100	cach	Lizosion Control - Sand Bags	5 120	4.0/ 3	2 040.10 S	24145 AD	C 107 207 172 00	35 730 32 0	35 779 22
312	-	Anch anch	Itatthwork Itraa Mitche Livillu- Minimum 13ft hoimhe)	V 40,0	6 11°44	43,042.11 3 1 661 62 5	2 70.C01,+C	2 1792.001 S	S 00.00 1	1 600.00
313	-	cach	дтее (Vigni lagues голу, жилилин тель певјну Pree Well and Grate	s 2.0	077.03 5	2.077.03 S	5.115.00 \$	5.115.00 \$	2,500.00 S	2,500.00
314	250	S.V.J.D.	Saw-Cut and Removal of Existing Exterior Asphalt or Concrete Surfaces	S	72.84 5	18.210.00 \$	37.75 \$	9.437.50 \$	28.48 S	7,120.00
	A Prod. A.	and we have	DANTON AND INVINUES OF LODGING FAMILIAL FAMILIAL CONTRACT CONTRACT CONTRACT	2	1 2101	*		1	- I	

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315	1	L.S.	Demolition Traninskia Manadal Eliveranarios Off Sita Diseasal Bankamana (Pix Bu Fland Only, Au	\$ 25,	155,85 S	25,155,85	\$ 2,240.	00 S	2,240.00	S.	000.000 \$	5,000.00
316	50	c.y.i.p.	Directed By The Owner's Representative)	S	35.00 \$	1,750.00	\$ 26,	57 S	1,348.50	s	60.50 \$	3,025.00
317	50	c,y.i,p.	Crushed Aggregate No. 2 Limestone (Fo be Used Only As Directed By The Owner's Representative)	S	50.00 S	2,500.00	\$ 55.	86 S	2,793,00	6 7	67 _* 25 \$	3,362.50
318	15	s.y.i.p.	Removal and Replacement of Brick Pavers	s	149.55 S	2,243,25	S 161.	28 S	2,419.20	S	144.00 S	2,160.00
319	10	S.V.J.D.	Concrete Sidewalk Replacement	s	363.48 S	3,634,80	S 392.	S 00.	3,920.00	s	200.00 \$	2,000.00
320	30].f.	Curb and Gutter Replacement	Ş	103.85 S	3,115,50	S 112,	S 00	3,360,00	s	50.00 S	1,500.00
321	75	s.v.i.p.	Concrete Pavement at Bollards (Includes 48" Wide Concrete Band at Bollards)	\$	162.01 S	12,150.75	\$ 174,	72 \$	13,104.00	s	146.00 S	10,950.00
322	25	$s_*y_{*}\mathbf{i}_*p_*$	Crushed Aggregate Limestone Base Course, ALDOJ' 825 Tippe "B" (Sidewalk and Brick Paver Areas) (4" Compacted Thickness)	S	53.59 \$	1,339.75	s 18.	.45 S	461,25	s	62,66 \$	1,566.50
323	75	s"y.i"p.	Superpave Bituminous Concrete Binder Layer, ALDOT 424B, 1" Maximum Aggregate Size Mix, ESAT, Banee E (880 b/sv)	s	47,77 S	3,582.75	\$ 53.	23 S	3,992.25	67.	47.53 S	3,564.75
324	325	s.y.i.p.	Superpave Bituminous Concrete Wearing Surface, M.DOT 424A, 3/8" Maximum Autorester Size Mix FSAII Bonete C/D (164: [h/sai) Chelloder Toole Coar)	s	14.54 \$	4,725 _* 50	\$ 12,	92 Ş	4,199,00	65	11.54 S	3,750,50
325	250	$S_* y_* \hat{I}_* D_*$	Milling of Existing Asphalt	S	1.56 \$	390.00	s.	60 S	1,400.00	612	5.00 \$	1,250.00
326	150	l.f.	"Femporary Traffic Striping (All Types and Color)	5	1.04 \$	156.00	\$ 1.	.12 S	168.00	67	1,00 \$	150.00
327	1	l _s S _a	'I'emporary' Traffic Markings (All' Types and Color)	s	523.11 §	623.11	S 672	00 S	672,00	S	600,00 S	600.00
328	1	1.Sa	'I cmpurary Traffic Legends (All Types and Color)	s	519.26 S	519.26	\$ 560.	.00 S	560.00	S	500.00 S	500.00
329	25	l,f.	Permanent Traffie Markings, Class 1, Type 'N', Stop Bar	S	10,38 \$	259.50	S 11.	20 S	280.00	S	10.00 \$	250.00
330	05	1,t.	Permanent Trattic Markings, Class 1, Type 'A', Crosswalk	s	10.38 \$	519,00	S 11.	20 S	560.00	67 6	10.00 5	500.00
100	150	1,f	Traific Striping, Soud Write, Class 1, 1ype A	0 0	\$ 0C*1 \$ 10 \$	468.00	n 0	00 00 3V	202.00	nu	\$ 00.1 \$ 00.5	00.022
		1 1	Removal and Relocation of Existing Traffic Signage, Posts, Base, and Other Necessary	7 c	OF			3 6	12 00X	ъ с		
CCC	-	cacu	Appurtenances (Includes Repaining of Post)	-1	c 70.000	7C.0CU,1	.600 ¢	0 10	10*400	0	¢ 00.000	1,000.00
334	2	cach	12" Stopple Valve (watermain)	S 12,	186.54 S	24,373,08	s 11,988.	43 S	23,976.86	\$ 9,	150.00 \$	18,300.00
335		each	12" Tapping Sleeve and Valve with Valve Box (watermain)				Omitted Pe	er Adden	dum No. 2			
336	2	cach	12" Valve with Valve Box (watermain)	S 4,	095.93 S	8,191.86	\$ 4,329.	.45 S	8,658.90	\$ 4,	250.00 \$	8,500.00
337	35		12" Ductile Iron Class 350 Watermain	(A) (182.07 \$	6,372.45	S 337.	34 8	11,806.90	s	102.00 \$	3,570.00
538	22	Lt.	Winimum 18 Diameter (Inside) Steel Casing (min, U.200 walt thickness)	A	114.24 \$	2,856-00	5 454.	5.0	10,865.25	0	\$ 00.01 2 00.01	5,5/5.00
240	005	IDS,	Watermann Fittings (Compact)	~ 0	S 10.0	1,//4.50	5 11. c 1 252	24 2	4,1/9,00	n 0	10.60 \$	3,/10,00
045	20	each	Main Connection (watermain)	2 I	S 10.041	2,080.14	رددر.ا کر ۲۰۰۵	0 70	1 170 20	-T - 5	\$ 00'00 S	00.000,0
140	00	1sL.	1.1/2" STR 26 DV/C Science Device	n 4	1 04 5	52.00	برا م ۲۱۵	e 10.	5 087 50	n 4	45.00 5	2.250.00
343	55	l.f.	3" SDR 26 PVC Storm Drain	2 2	1.04 S	57.20	S 53.	36 S	2.934.80	n 60	54.50 S	2,997,50
344	25	Tf.	4" SIDR 26 PVC Storm Drain	S	20.23 S	505.75	S 102	29 S	2,557.25	s	68.50 S	1,712.50
345	50	Lf.	6" SDR 26 PVC Storm Drain	s	33.82 \$	1,691.00	S 99.	37 S	4,968,50	s	122.00 S	6,100,00
346	-	L.S.	Slot Drain	S 13,	422.80 S	13,422,80	\$ 16,500.	.60 S	16,500,60	S 16,	850.00 S	16,850,00
347	1	cach	Connect to Existing Storm Inlet	\$ 2,	386.15 S	2,386.15	\$ 1,106.	37 S	1,106.37	\$ 1,	200,00 \$	1,200.00
348	44	l,f.	10" Diameter SDR 26 PVC Santary Sewer Main	s	299.73 \$	13,188,12	S 162,	.58 \$	7,153,52	S	182.50 S	8,030,00
349	25	l,f.	Minimum 16" Diameter (Inside) Steel Casing (min, 0,250" wall thickness)	S	96.06 S	2,401,50	S 292,	51 S	7,312,75	s	110.00 S	2,750.00
350	3	cach	Precast Sanitary Sewer Manhole	S	582.79 S	16,748.37	\$ 5,589.	63 S	16,768.89	S 3,	700.00 S	11,100.00
351	2	cach	Cornect to Justiting Sanitary Sewer Main	¢¢ I	726,35 S	1,452.70	5 958.	47 \$	1,916.94	s °	500.00 S	7,000.00
205	44	1,t.	Pos: Construction U.C.I.V of Sanitary Sewer	~ · ·	5.14 \$	01.001	2 002 V 200	0000	40.200 V	n u	2 00 000	5 000 00
CCC		1. S.	Removal of Abaridoned Sanitary Sewer Main By Deer Discriment of functions Seminary Sama	, c c	S 00.001	10 074 7C	S 4,029.	¢ 70	7,188,47			7 500 00
355	-	lest	Dy-rass rumping or rassuitary dewet Flydraulie Roraertable Rollard Sverom Incrallation	\$ 340	153 68 \$	340.953.68	CCU 272 022		372 (122,55	\$ 319	772.00 \$	319.772.00
356	-	1.0°	Hyteature Astractante Dottate System Instantation Filerrical and LTA Filer Service (from building to hollard system)	5 50 S	374 38 \$	52 374 38	S 16.800	00	16 800.00	s 50.	431.50 S	50.431.50
357	1 001	16	2" Diameter PVC Conduits for Electrical and Hydraulic Lines from Bollards to Hydraulic	5	22.95 \$	22.950.00	\$ 19	26 S	19.260.00	5	22.10 S	22.100.00
120	0005	i	Power Unit									
358		l _s S _s	Power Pedestal (for Bollards)	S (6,	045,19 S	6,045.19	S 15,512	50 R	15,512.00	5	521-UU \$	5,521.00
945		LiS.	building Interior Modifications to Accommodate bollard System Installation	2 0	C 00.607	1,209.00		0 07	02.80C,C	n 0	\$ 000000	4,000,00
360	1	IaSa.	Removal of Existing Abandoned Watermain	5 5	/55,05 5	5,/55,05	c0/,1 ک	* 0/-	U/"C9/,1	ñ n 4	< nn*nnn	
			Alternate No. 5 - 10tat	A		no.uu/,cu/	¢.		10.004,01/	0		00.400,001
ALTER	NATE 4 (B	ollards a	t Campus Drive Intersection)								1	
400	-	l _a s.	Mobilization & Demobilization	S 16,	553,06 \$	16,553.06	S 1,400.	-00 Ş	1,400.00	S.	000°00 \$	5,000,00
401	-	$l_{a}S_{a}$	Construction Layout	S 3,	115.54 S	3,115.54	\$ 3,360.	\$ 00.	3,360.00	S 3	000000 \$	3,000.00
402	1	l.s.	GPS of Utilities and As-Built Drawings	S 1.	038.52 S	1.038.52	S 1,120.	00 S	1.120.00	S 1.	000°00 S	1,000.00

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402	10	1			5	0 VE / CC C	1/10/1	6	0 100 00	010.01		10 750 00
CU#	CT	cach	I TATING / PERCESTIAN CONTROL DIGNAGE	CCI 4	2 2/- 2 2/- 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2,336.70	108.00	n (2,520,00	00.005	~	12,/50.00
405	75	cach	Listic Control, Ditums "Emilie Control Loren Barriere XV: Dorded with Darals	00 00 00 00 00 00 00 00 00 00 00 00 00	01 0	2, UL2.UU 3	310.12	n 0	0,240,UU	40,00	nu	30 600 00
406	966	1 F	I talite control, jetsey partiets (10-2006s) with Federe Fatters Fereion Control - Wettles	2 I Z	2 LC 2	C7 006 71		n u	C2:202,C2	5 20	0 0	1 210,000,00
407	50	S.V.LD.	Solid Sod Replacement	s 18	5 69	934.50	20.10	n v	1 008 00	18.00	7 G	900.00
408	10	S.V.LD	Landscape Mulch		19 5	51.90	5.6(5	26.00	2005		50.00
409	-	l _{sSa}	lixisting Irrigation Adjustments	S 2.077	.03 S	2.077.03 5	2.240.00	o s	2,240.00	2.000.00	, s	2.000.00
410	1	t.s.	Demolition	S 11.360	.48 S	11.360.48 S	5.356.58	0	5.356.58	4.000.00	s s	4.000.00
411	60	s.y.i.p.	Removal and Replacement of Brick Pavers	S 258	.59 S	15,515,40 \$	161.28	0	9,676.80	144.00	N IS	8.640.00
412	3	each	Removal and Replacement of lixisting Tree Grate	S 4,219	.54 S	12,658.62 \$	1,581.07	S	4,743.21 \$	1.500.00	S	4,500.00
413	40	each	Hydro Excavation of Bollard Floles (Used Only As Directed By 'The UA)	\$ 311	.55 S	12,462.00 \$	336.00	S	13,440.00	600.00	s	24,000.00
414	20	each	42" Traffic Bollards - Fixed (4" x 4" x 1/2" HSS) (Concrete / Paver Areas)	S 1,350	.00 S	27,000.00 \$	1,652.5(5	33,050.00 \$	1,500.00	S	30,000,00
415	7	each	42" 'Iraffic Bollards - Fixed (4" x 4" x 1/2" IISS) (Grass Areas)	\$ 1,350	.00 S	9,450.00 \$	1,405.00	s	9,835.00 \$	1,250.00	s	8,750.00
416	3	each	42" Traffic Boilards - Fixed (4" x 4"x 1/2" 11SS) (Mounred to Concrete Inlet)	S 1,350	:00 S	4,050.00 \$	1,405.00	s	4,215.00 \$	1,350.00	s	4,050.00
417	30	l.f.	18" Wide Concrete Band Berween Bollards	S 103	.85 S	3,115.50 \$	59.30	s	1,780.80	200.00	s	6,000,00
418	15	cach	42" Traffic Bollards - Fixed (4" x 4"x 1/2" HSS) with Spread Footing for Shallow Installation of Bollards Due to Utility Conflicts (To Be Used Only as Directed by the Obmer's Remembried	\$ 1,350	,00 S	20,250.00 \$	1,512,00	w.	22,680,00	1,750.00	S	26,250.00
			Alternate No. 4 - Total	S	-	58,349.90 \$			144,314,04			176,700.00
ALTERN	VATE 5 (Bo	ollards A	ione North Side of University Boulevard)									
500	1	I _* S _*	Mobilization & Demobilization	S 22,117	.36 S	22.117.36 S	4,200.00	S	4,200,00 5	15,000,00	S	15,000.00
501	-	I.S.	Construction Layout	s 4,673	.32 S	4,673.32 S	5,040.00	S	5,040.00	4,500,00	s	4,500.00
502	1	lss	GPS of Utilities and As-Built Drawings	S 2,077	.03 \$	2,077,03 S	2,240.00	s	2,240.00 \$	1,000.00	S	1,000.00
503	10	each	"Iraifie / Pedestrian Control Signage	\$ 155	.78 \$	1,557,80 S	168.00	s	1,680.00	850.00	s	8,500.00
504	140	cach	'l'affic Control, Drums	S 30	.12 S	4,216,80 \$	32.48	s	4,547.20	40.00	s	5,600.00
505	50	each	"Itraffic Control, Jersey Barriers (Yo-Docks) with Fence Panels	\$ 172	.91 \$	8,645.50 \$	124.40	s	6,223.00	\$ 408.00	s	20,400.00
506	925	l.f.	Post-Driven Site Constraint Fercing	\$ 28	.14 S	26,029.50 \$	30,35	6	28,073.75	27,10	S	25,067,50
507	1,000	s_V.I.p.	Erosion Control - Temporary Mulching Only (hydraulic application)	\$ 2	.08 S	2,080,00 \$	0.24	s	240.00	0,50	s	500,00
508	900	l.f.	Erosion Control - Wattles	s 1	.82 S	1,638.00 \$	5,92	w	5,328,00	5.50	s	4,950.00
509	1,000	S.V.L.D.	Solid Sod Replacement	S 12	+46 S	12,460.00 S	13,42	S	13,440.00	12,00	s	12,000.00
510	100	s.y.t.p.	I andscape Mulch	S	,19 S	519.00 \$	5.6(S	560-00	5.00	60	500.00
511	1	Ls.	Existing Irrigation Adjustments	S 11,942	.92 S	11,942.92 S	12,880.00	S	12,880.00	11,500.00	S	11,500.00
512	1	1 ₃ S _a	Demolition	S 11,199	.08 S	11,199.08 S	7,349.84	S	7,349_84 \$	4,500.00	s	4,500.00
513	5	s.y.i.p.	Removal and Replacement of Brick Pavers	\$ 731	.11 S	3,655.55 \$	161.28	S	806.40	144.00	S	720.00
514	75	cach	Hydro I:xcavation of Bollard Holes (Used Only As Directed By The UA)	\$ 311	.55 S	23,366.25 \$	336,00	5	25,200.00	600.00	s	45,000.00
515	22	cach	42" Traffic Bollards - Fixed (4" x 4"x 1/2" HSS) (Concrete / Paver Arcas)	s 1,350	,00 S	29,700.00 \$	1,652.5(69	36,355.00 \$	1,500.00	S	33,000.00
516	116	each	42" Traffic Bollards - Fixed (4" x 4"x 1/2" HSS) (Grass Areas)	S 1,350	.00 \$ 1	56,600.00 \$	1,300,50	S (150,858.00 \$	1,250.00	69	145,000.00
517	<u>5</u> ()	each	42" Traffic Bollards - Fixed (4" x 4"x 1/2" HSS) with Spread Footing for Shallow Installation of Bollards Due to Utility Conflicts (1o Be Used Only as Directed by the Outworks Representation)	s 1,350	,00 S	67,500.00 \$	1,405.00	S	70,250.00	1,750,00	S	87,500.00
518	830	L.f.	Contract Sectors New Bollards	S 25	.96 S	21,546.80 \$	-8°L	S	6,507.20	25.00	S	20,750,00
519	830	L.E.	18" Wide Concrete Band Between Bollards	S 49	.85 \$	41,375.50 \$	59.30	60	49,268_80	100.00	S	83,000.00
			Alternate No. 5 - Total	60	4	52,900.41			431,047.19		-7	28,987.50
ALTERN	JATE 6 (Bo	ollards A	t Stadjum Dr. Colonial Dr. and 6th Avenue Intersection with University Boulevard)									
600	1	l.S.	Mobilization & Demobilization	S 18,482	.56 S	18,482,56 S	200.00	S (200,00	26,000,00	S	26,000.00
601	-	l _{iSi}	As-3uilt Drawings	S 1,038	.52 S	1,038.52 S	2,000.00	S	2,000.00	500.00	S	500.00
602	20	cach	Tra:fic / Pedestrian Control Signage	\$ 155	-78 S	3,115.60 S	168.00	s (3,360,00	850,00	S	17,000.00
603	200	each	l'fraffic Control, Drums	S 30	.12 S	6,024,00 \$	32.48	s	6,496.00	\$ 40,00	S	8,000.00
604	50	each	Traffic Control, Jersey Barriers (Yo-Docks) with Funce Panels (no windscreen)	\$ 172	.91 S	8,645.50 \$	303,60	5	15,183.00	\$ 408.00	S	20,400.00
605	1,000	l.f.	Erosion Control - Wattles	s 1	_* 82 S	1,820.00 \$	5.92	s	5,920.00	5.50	S	5,500.00
606	500	S.Y.I.D.	Solid Sod Replacement	S 18	.69 S	9,345.00 \$	20,10	60	10,080.00	18.00	s	9,000,00
607	100	s.y.i.p.	Landscape Mulch Replacement	S.	.19 S	519.00	5.6(s	560.00	5.00	S	500.00
608	500	cach	Landscape Panting Replacement (Linope Spicata - 1 gallon minimum)	s	.31 S	4,155.00	8.9(S	4,480,00	8.00	S	4,000.00
609	15	s=)'=1-p=	Removal and Replacement of Brick Pavers	5 616	-88 S	9,253.20	161.22	5	2,419.20	200.00	S C	Z,160.00
610	75	cach	[Hydro Excavation of Bollard Holes (Used Only As Directed By The UA)	5 311	•55 S	23,366,25	1 /50 20	5 0	00*002,62	1 756 50	<i>л</i> 0	00.000,64
611	150	cach	42" Traffic Bollards - Fixed (4" x 4"x 1/2" HSS) (Concrete / Paver Arcas)	S 1,350	00 \$ 00	02,500.00 \$	1,652.5(5	247,8/5-UU S	JC.0C/.I	~	UU.C/4,502

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2.144.239.35			-	1.725.545.79			69	1.494.285.91			67	Total Base Bid			
969,160.00			s	706,787.20			s	671,667.13			s	Alternate No. 6 - Total			
130,000.00	s	200.00	s	38,584.00	5	59.36	5	32,402.50	5	49.85	s	18" Wide Concrete Band Between Bollards	L.E.	650	616
13,065.00	S	1,306.50	57	13,005.00	s	1,300.50	S	13,500.00	5	1,350.00	s	42" Traffic Bollards - Fixed (4" x 4"x 1/2" HSS) (Mounted to Concrete Inlet)	each	10	615
120,390.00	s	2,006.50	s	81,000.00	Ś	1,350.00	ŝ	81,000.00	Ś	1,350.00	s	42" Traffic Bollards - Fiskel (4" x 4"x 1/2" [1SS) with Spread Fuoting for Shallow Installation of Bollards Due to Utility Conflicts (To Be Used Only as Directed by the Owner's Representative)	cach	69	614
225,975.00	s	1,506.50	s	195,075.00	s	1,300.50	s	202,500.00	s	1,350.00	S	42" 'Fraffic Bollards - Fixed (4" x 4"x 1/2" HSS) (Grass Areas)	each	150	613
78,195.00	57	2,606.50	s	55,350.00	57	1,845.00	5	54,000.00	s	1,800.00	s	42" Traffic Bollards - Removable (4" x 4"x 1/2" HSS) (Concrete / Paver Areas)	each	30	612

Total Base Bid	\$ 1,494,285.91	\$ 1,725,545.79	\$ 2,144,239.35
Total Base Bid + Alternate No. 1	\$ 1,740,888.21	\$ 1,966,195.86	\$ 2,390,258.10
Total Base Bid + Alternate No. 1 + Alternate No. 2	\$ 2,549,786.31	\$ 2,695,415.26	\$ 3,135,425.20
Total Base Bid + Alternate No. 1 + Alternate No. 2 + Alternate 3	\$ 3,315,493.11	\$ 3,413,851.57	\$ 3,835,979.78
Total Base Bid + Alternate No. 1 + Alternate No. 2 + Alternate 3 + Alternate 4	\$ 3,473,843.01	\$ 3,558,165.61	\$ 4,012,679.78
Total Base Bid + Alternate No. 1 + Alternate No. 2 + Alternate 3 + Alternate 4 + Alternate 5	\$ 3,926,743.42	3,989,212.80	\$ 4,541,667.28
Total Base Bid + Alternate No. 1 + Alternate No. 2 + Alternate 3 + Alternate 4 + Alternate 5 + Alternate 6	\$ 4,598,410.55	\$ 4,696,000.00	\$ 5,510,827.28

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 IS SHOWN BOVE, AS DETERMINED BY THE AVAILABLE FUNDS AND SUBJECT TO THE INSTRUCTIONS TO BIDDERS AND ANY APPLICABLE LAW.

Vice President / Secretary / Treasurer Duncan Coker Associates, P.C.

nd subscribed before me this 20th day of February 2025. Sworn to

Robbert Martin

My Commission Expires: December 11, 2028



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



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

