

City of Fayetteville Staff Review Form

2020-0528

Legistar File ID

7/21/2020

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Matt Casey

6/25/2020

ENGINEERING (621)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Approval of a contract in the amount of \$6,820,075.20 with Tri Star Contractors, LLC for the construction of the Zion Road – Vantage to Crossover Project, approval of a project contingency of \$341,000.00 (5%) and approval of a budget adjustment.

Budget Impact:

4602.860.7212-5809.00	4602 - Streets Project 2019 Bonds
5400.860.5600-5808.00	5400 - Water & Sewer
5400.860.5700-5815.00	
Account Number	Fund
46020.7212	Zion Rd. Improvements
11011.2019.7212	Water & Sewer Relocations - Bond Projects
Project Number	Project Title
Budgeted Item? Yes	Current Budget \$ 50,557,254.00
	Funds Obligated \$ 13,344,489.78
	Current Balance \$ 37,212,764.22
Does item have a cost? Yes	Item Cost \$ 7,161,075.20
Budget Adjustment Attached? Yes	Budget Adjustment \$ 7,161,077.00
	Remaining Budget \$ 37,212,766.02

V20180321

Purchase Order Number: _____

Previous Ordinance or Resolution # _____

Change Order Number: _____

Approval Date: _____

Original Contract Number: _____

Comments: Item cost includes the construction contract of \$6,820,075.20 plus the project contingency \$341,000.00.



MEETING OF JULY 21, 2020

TO: Mayor and City Council

THRU: Susan Norton, Chief of Staff
Garner Stoll, Development Services Director
Chris Brown, City Engineer

FROM: Matt Casey, Engineering Design Manager

DATE: July 6, 2020

SUBJECT: **Approval of a contract in the amount of \$6,820,075.20 with Tri Star Contractors, LLC. for the construction of the Zion Road – Vantage to Crossover Project, approval of a project contingency of \$341,000(5%) and approval of a budget adjustment.**

RECOMMENDATION:

Approval of a contract in the amount of \$6,820,075.20 with Tri Star Contractors, LLC for the construction of the Zion Road – Vantage to Crossover Project, approval of a project contingency of \$341,000.00 (5%) and approval of a budget adjustment.

BACKGROUND:

Zion Road from College Avenue to Highway 265 was included in the previous Transportation Improvement Bond Program. The first phase of construction between College Avenue and Vantage Drive was completed in 2008. In 2013, the second phase, between Vantage Drive and Highway 265, was approved for funding through the bond program. On May 6, 2014, the Fayetteville City Council approved a contract with MCE. for the design of the second phase of Zion Road. The design was completed in early 2015, but there were not sufficient bond funds remaining at the time to fully fund the construction of the project.

On July 16, 2019, the Council approved a contract with MCE to update the plans to include a revised cross section consisting of a three-lane section with a 10' wide multi-use trail on the north side and a 6' wide sidewalk on the south side.

DISCUSSION:

On June 24, 2020, the City received six (6) construction bids for this project. Tri Star Contractors, LLC submitted the low bid which was approximately 19% below the Engineer's Estimate of \$8,422,851.21. Engineering staff recommends awarding this contract to Tri Star Contractors, LLC. The contract time is 510 days (17 months) for final completion.

BUDGET/STAFF IMPACT:

The roadway and drainage improvements (\$4,395,109.35) are funded by the 2019 Transportation Bond Program. The water and sewer relocations in this project (\$2,424,965.85) are funded by the Water and Sewer Fund Capital Improvement project appropriation. There

was \$4,900,000 allocated in the Transportation Bond Fund for the Zion Road project. The design and land acquisition of this project were \$33,500 and \$67,000.00 respectively from this fund. Construction phase services and materials testing are estimated to be \$52,794.00. With this construction contract and contingency (\$220,000), it brings the current Zion Road project total to \$4,768,403.35.

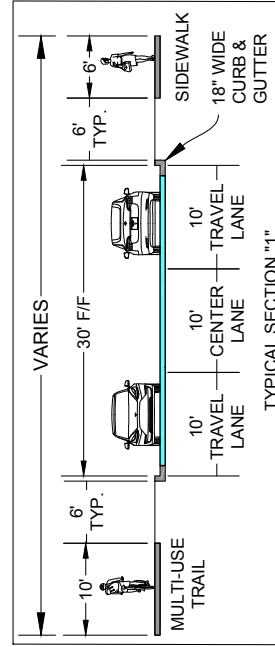
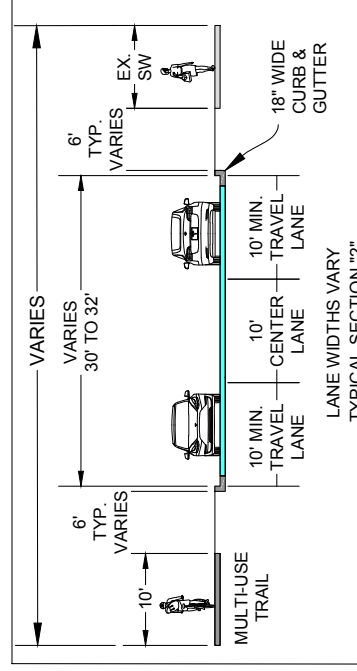
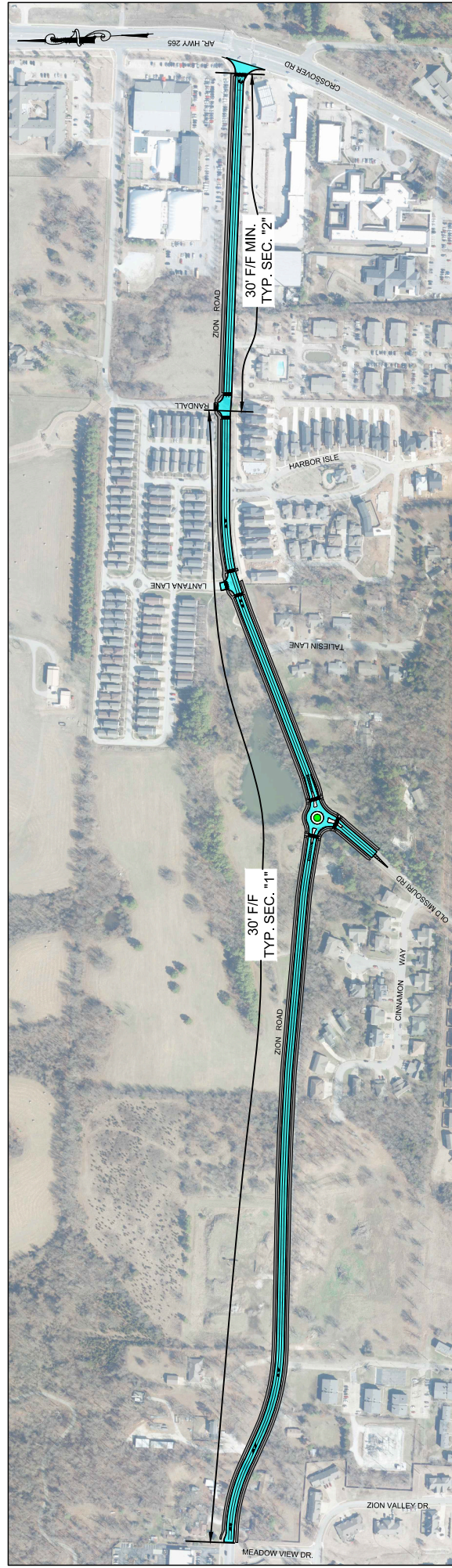
Attachments:

Section 0500 Agreement

Bid Submittal

Bid Tab

Vicinity Map



DOCUMENT 0400-BID FORM

Contract Name: ZION ROAD PHASE II- N. VANTAGE DR. TO N. CROSSOVER RD.

Bid Number: 20-39, CONSTRUCTION

BID TO:

Owner: The City of Fayetteville, Arkansas
113 West Mountain Street
Fayetteville, Arkansas 72701

BID FROM:

Bidder: Tri Star Contractors, LLC
1910 Waukesha Rd
Siloam Springs, AR 72761
(479) 238-1088

ARTICLE 1- INTENT

- 1.01 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with Owner in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Bid price and within the Bid time indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.

ARTICLE 2- TERMS AND CONDITIONS

- 2.01 Bidder accepts all of the terms and conditions of the Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 90 days after the day of Bid opening. Bidder will sign and deliver the required number of counterparts of the Agreement with the Bonds and other documents required by the Bidding Requirements within 15 days after the date of Owner's Notice of Award.

DOCUMENT 0400-BID FORM (continued)

ARTICLE 3- BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents, as more fully set forth in the Agreement, that:

A. Bidder has examined and carefully studied the Bid Documents, and the following Addenda, receipt of all which is hereby acknowledged:

<u>Number</u>	<u>Date</u>
1	6-10-20
2	6-17-20
3	6-19-20

B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, performance, and furnishing of the Work.

C. Bidder is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, performance, and furnishing of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site; and (2) reports and drawings of a Hazardous Environmental Condition, if any, at the Site. Bidder acknowledges that such reports and drawings are not Contract Documents and may not be complete for Bidder's purposes. Bidder acknowledges that Owner and Engineer do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Bid Documents with respect to Underground Facilities at or contiguous to the Site.

E. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all such additional or supplementary examinations,

DOCUMENT 0400-BID FORM (continued)

ARTICLE 5- CONTRACT TIMES

- 5.01 Bidder agrees that the Work will be substantially completed and completed and ready for final payment within the number of calendar days indicated in the Agreement.
- 5.02 Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified in the Agreement.

ARTICLE 6- BID CONTENT

- 6.01 The following documents are attached to and made a condition of this Bid:
- A. Required Bid security in the form of a cashier's check from a bank located in the State of Arkansas or a Bid Bond in the amount of
Three hundred forty four thousand eighty six dollars 26/100 Dollars (\$ 344,086.26)
- B. A tabulation of Subcontractors and other persons and organizations required to be identified in this Bid.

ARTICLE 7- COMMUNICATIONS

- 7.01 Communications concerning this Bid shall be addressed to the Bidder as follows:

Tri Star Contractors, LLC
1910 Waukesha Rd
Siloam Springs, AR 72761
Email <u>tristarcontractors@yahoo.com</u>
Phone No. <u>479-238-1088</u>
Fax No. <u>479-238-030</u>

DOCUMENT 0400-BID FORM (continued)

ARTICLE 8- TERMINOLOGY

- 8.01 The terms used in this Bid which are defined in the GENERAL CONDITIONS or Instructions to Bidders will have the meanings assigned to them.

Arkansas State Contractor License No. 0186220320.

If Bidder is:

An Individual

Name (type or printed): _____

By: _____ (SEAL)

(Individual's Signature)

Doing business as: _____

Business address: _____

Phone No: _____ Fax No. _____

Email Address: _____

A Partnership

Partnership Name : _____ (SEAL)

By: _____

general partner-attach evidence of authority to sign)

Name (type or printed): _____

Business address: _____

Phone No: _____ Fax No. _____

Email Address: _____

DOCUMENT 0400-BID FORM (continued)

A Corporation or LLC

Corporation Name : Tri Star Contractors (SEAL)

State of Incorporation: Arkansas

Type (General Business, Professional, Service, Limited Liability): LLC

By: Anthony Nicholas Goedereis II

general partner-attach evidence of authority to sign)

Name (type or printed): Anthony Nicholas Goedereis II

Title: President

Attest:

James Goedereis (CORPORATE SEAL)

(Signature of Corporate Secretary)

Business address: Tri Star Contractors

1910 Waukesha Rd Siloam Springs, AR 72761

Phone No: 479-238-1088

Fax No. 479-238-0030

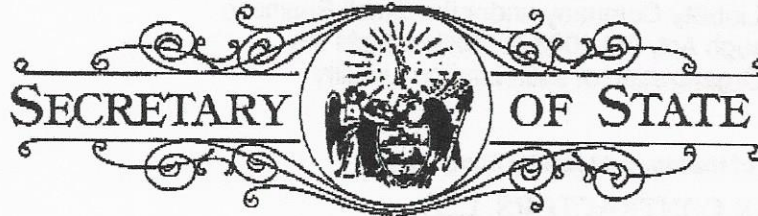
Email Address: tristarcontractors@yahoo.com

Tax ID Number (TIN) 20-8197387

DUNS # _____

Cage Code: _____

F DOCUMENT 0400

STATE OF ARKANSAS

Charlie Daniels
SECRETARY OF STATE

To All to Whom These Presents Shall Come, Greetings:

I, Charlie Daniels, Secretary of State of Arkansas, do hereby certify that the following and hereto attached instrument of writing is a true and perfect copy of

Articles of Organization

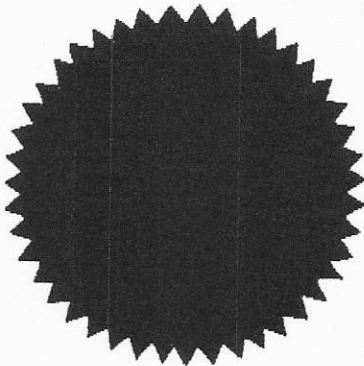
of

TRI STAR CONTRACTORS, LLC

filed in this office

October 5, 2006

In Testimony Whereof, I have hereunto set my hand and affixed my official Seal. Done at my office in the City of Little Rock, this 5th day of October 2006.



Charlie Daniels

Secretary of State

03-25-11;02:24PM;

;4794422774

4/ 4

NICHOLAS GOEDEREIS, II

Responses

Success: All data is valid!

						Numeric	
Status	#	Item	Item No.	Quantity Required	Unit of Measure	Unit Price	Total Cost

Bid Schedule 1

Success: All values provided	#1-1	Act 291, 1993 Trench & Excavation Safety Systems	1	1	LS	\$ 500.00	\$ 500.00
Success: All values provided	#1-2	Erosion Control	2	1	LS	\$ 45,000.00	\$ 45,000.00
Success: All values provided	#1-3	Insurance and Bonding	3	1	LS	\$ 200,438.60	\$ 200,438.60
Success: All values provided	#1-4	Roadway Construction Control	4	1	LS	\$ 30,000.00	\$ 30,000.00
Success: All values provided	#1-5	Traffic Control and Maintenance	5	1	LS	\$ 50,000.00	\$ 50,000.00
Success: All values provided	#1-6	Clearing, Grubbing, & Demolition	6	1	LS	\$ 100,000.00	\$ 100,000.00
Success: All values provided	#1-7	Mobilization (Street and Drainage, SCH 1) (Shall not exceed 5% of Total Bid)	7	1	LS	\$ 209,009.23	\$ 209,009.23
Success: All values provided	#1-8	Undercut and Backfill (Allowance)	8	470	CY	\$ 22.00	\$ 10,340.00
Success: All values provided	#1-9	Rock Excavation (Allowance)	9	250	CY	\$ 150.00	\$ 37,500.00
Success: All values provided	#1-10	Unclassified Excavation (Plan Quantity)	10	22770	CY	\$ 8.75	\$ 199,237.50
Success: All values provided	#1-11	Select Embankment (Plan Quantity)	11	4685	CY	\$ 11.75	\$ 55,048.75
Success: All values provided	#1-12	Embankment (Plan Quantity)	12	13340	CY	\$ 10.75	\$ 143,405.00
Success: All values provided	#1-13	Subgrade Preparation (Plan Quantity)	13	15406	CY	\$ 2.00	\$ 30,812.00
Success: All values provided	#1-14	Undercut and Stone Backfill (Allowance)	14	500	TON	\$ 69.00	\$ 34,500.00
Success: All values provided	#1-15	4" Topsoil Placement (Yard Areas)	15	10575	SY	\$ 5.00	\$ 52,875.00
Success: All values provided	#1-16	4" Topsoil Placement (Other Areas)	16	8630	SY	\$ 5.00	\$ 43,150.00
Success: All values provided	#1-17	18" RCP, Under Pavement	17	400	LF	\$ 65.00	\$ 26,000.00
Success: All values provided	#1-18	18" RCP, Outside Roadway	18	1635	LF	\$ 50.00	\$ 81,750.00
Success: All values provided	#1-19	24" RCP, Under Pavement	19	119	LF	\$ 75.00	\$ 8,925.00
Success: All values provided	#1-20	24" RCP, Outside Roadway	20	737	LF	\$ 60.00	\$ 44,220.00
Success: All values provided	#1-21	30" RCP, Outside Roadway	21	142	LF	\$ 75.00	\$ 10,650.00
Success: All values provided	#1-22	53" x 34" HERCP, Under Pavement	22	91	LF	\$ 250.00	\$ 22,750.00
Success: All values provided	#1-23	53" x 34" HERCP, Outside Roadway	23	41	LF	\$ 235.00	\$ 9,635.00
Success: All values provided	#1-24	42" RCP, Outside Roadway	24	32	LF	\$ 149.00	\$ 4,768.00
Success: All values provided	#1-25	Reconstruct Existing Inlet Tops	25	6	EA	\$ 37.50	\$ 225.00

Success: All values provided	#1-26	4' Drop Inlet	26	25	EA	\$ 3,400.00	\$ 85,000.00
Success: All values provided	#1-27	4' Drop Inlet, Connected to RC Box Culvert	27	2	EA	\$ 4,500.00	\$ 9,000.00
Success: All values provided	#1-28	5' Drop Inlet	28	9	EA	\$ 5,000.00	\$ 45,000.00
Success: All values provided	#1-29	6' Drop Inlet	29	4	EA	\$ 5,400.00	\$ 21,600.00
Success: All values provided	#1-30	10' x 6' Drop Inlet Box	30	1	EA	\$ 10,000.00	\$ 10,000.00
Success: All values provided	#1-31	4' Junction Box	31	4	EA	\$ 3,200.00	\$ 12,800.00
Success: All values provided	#1-32	6' Junction Box	32	4	EA	\$ 5,700.00	\$ 22,800.00
Success: All values provided	#1-33	Drop Inlet Extensions (4')	33	18	EA	\$ 1,000.00	\$ 18,000.00
Success: All values provided	#1-34	Drop Inlet Extensions (8')	34	16	EA	\$ 1,600.00	\$ 25,600.00
Success: All values provided	#1-35	Drop Inlet Extensions (12')	35	1	EA	\$ 3,000.00	\$ 3,000.00
Success: All values provided	#1-36	Reconstruct Existing Inlet with Reverse Throat	36	1	EA	\$ 5,000.00	\$ 5,000.00
Success: All values provided	#1-37	Connect Pipe to Existing Drainage Structure	37	1	EA	\$ 1,200.00	\$ 1,200.00
Success: All values provided	#1-38	Combination Inlet Frame/Top	38	3	EA	\$ 3,800.00	\$ 11,400.00
Success: All values provided	#1-39	18" Flared End Section	39	5	EA	\$ 1,200.00	\$ 6,000.00
Success: All values provided	#1-40	24" Flared End Section	40	1	EA	\$ 1,700.00	\$ 1,700.00
Success: All values provided	#1-41	4' x 4' Reinforce Concrete Box Culvert	41	114	LF	\$ 400.00	\$ 45,600.00
Success: All values provided	#1-42	Concrete Headwall w/ Wingwalls to 4' x 4' RC Box Culvert and Appurtances	42	1	LS	\$ 7,000.00	\$ 7,000.00
Success: All values provided	#1-43	Concrete Headwall w/ Wingwalls to Dual 42" RCP and Appurtances	43	1	LS	\$ 9,500.00	\$ 9,500.00
Success: All values provided	#1-44	Rip-Rap	44	40	SY	\$ 50.00	\$ 2,000.00
Success: All values provided	#1-45	Cold Milling Pavement (2")	45	3511	SY	\$ 5.00	\$ 17,555.00
Success: All values provided	#1-46	2" ACHM Superpave Surface Course (Overlay)	46	740	TON	\$ 105.00	\$ 77,700.00
Success: All values provided	#1-47	3" ACHM Superpave Surface Course	47	2000	TON	\$ 110.00	\$ 220,000.00
Success: All values provided	#1-48	3" ACHM Superpave Binder Course	48	2025	TON	\$ 115.00	\$ 232,875.00
Success: All values provided	#1-49	ACHM Superpave Binder Leveling Course	49	100	TON	\$ 119.00	\$ 11,900.00
Success: All values provided	#1-50	8" Class 7 Aggregate Base Course	50	14250	SY	\$ 11.00	\$ 156,750.00
Success: All values provided	#1-51	ACHM Patching of Existing Roadway	51	30	TON	\$ 150.00	\$ 4,500.00
Success: All values provided	#1-52	Aggregate Based for Roadway Maintenance	52	100	TON	\$ 40.00	\$ 4,000.00
Success: All values provided	#1-53	Prime Coat	53	11330	SY	\$ 1.95	\$ 22,093.50
Success: All values provided	#1-54	Concrete Curb and Gutter	54	8375	LF	\$ 18.00	\$ 150,750.00

Success: All values provided	#1-55	Modified Concrete Curb and Gutter	55	780	LF	\$ 20.00	\$ 15,600.00
Success: All values provided	#1-56	Type B Concrete Curb and Gutter	56	380	LF	\$ 22.00	\$ 8,360.00
Success: All values provided	#1-57	3" Curb (at Raised Concrete Apron)	57	75	LF	\$ 19.00	\$ 1,425.00
Success: All values provided	#1-58	12" Wide Ribbon Curb (Mini-Roundabout)	58	151	LF	\$ 17.00	\$ 2,567.00
Success: All values provided	#1-59	1' Valley Curb (at Intersections)	59	265	LF	\$ 22.00	\$ 5,830.00
Success: All values provided	#1-60	(4" Depth) 6' Wide Concrete Sidewalk	60	2260	SY	\$ 52.00	\$ 117,520.00
Success: All values provided	#1-61	(4" Depth) 10' Wide Concrete Trail	61	6000	SY	\$ 52.00	\$ 312,000.00
Success: All values provided	#1-62	(8" Depth) 10' Wide Colored Concrete Trail Crossings (per Detail TC1)	62	240	SY	\$ 100.00	\$ 24,000.00
Success: All values provided	#1-63	Concrete ADA Ramp	63	225	SY	\$ 96.75	\$ 21,768.75
Success: All values provided	#1-64	Cast-in Place Detectable Warning Panel	64	524	SF	\$ 27.00	\$ 14,148.00
Success: All values provided	#1-65	Concrete Driveway Apron (6" Thick Approach and Sidewalk)	65	670	SY	\$ 60.00	\$ 40,200.00
Success: All values provided	#1-66	6" Thick Concrete Driveway	66	760	SY	\$ 60.00	\$ 45,600.00
Success: All values provided	#1-67	3" Thick Asphalt Driveway	67	130	SY	\$ 28.00	\$ 3,640.00
Success: All values provided	#1-68	Aggregate Base Course Driveway	68	155	SY	\$ 15.00	\$ 2,325.00
Success: All values provided	#1-69	Raised Concrete Apron (at Mini Roundabout)	69	22	SY	\$ 75.00	\$ 1,650.00
Success: All values provided	#1-70	Concrete Bus Pull-Out Apron	70	205	SY	\$ 85.00	\$ 17,425.00
Success: All values provided	#1-71	Variable Height Cast-in-Place Reinforced Concrete Retaining Walls	71	390	LF	\$ 200.00	\$ 78,000.00
Success: All values provided	#1-72	Steel Handrail (Retaining Walls and Headwalls/Wingwalls)	72	440	LF	\$ 100.00	\$ 44,000.00
Success: All values provided	#1-73	Concrete Channel Paving	73	80	SY	\$ 60.00	\$ 4,800.00
Success: All values provided	#1-74	6" Thick Concrete Flume w/ Energy Dissipaters	74	5	SY	\$ 150.00	\$ 750.00
Success: All values provided	#1-75	Solid Sod (excludes Topsoil)	75	9980	SY	\$ 4.00	\$ 39,920.00
Success: All values provided	#1-76	Seeding and Mulching	76	2	ACRE	\$ 2,200.00	\$ 4,400.00
Success: All values provided	#1-77	6" Solid Striping, White (Thermoplastic)	77	59	LF	\$ 1.50	\$ 88.50
Success: All values provided	#1-78	12" Solid Striping, White (Thermoplastic)	78	110	LF	\$ 9.00	\$ 990.00
Success: All values provided	#1-79	24" Solid Striping, White (Thermoplastic)	79	200	LF	\$ 35.00	\$ 7,000.00
Success: All values provided	#1-80	6" Solid Striping, Yellow (Thermoplastic)	80	11350	LF	\$ 1.50	\$ 17,025.00
Success: All values provided	#1-81	8" Solid Striping, Yellow (Thermoplastic)	81	172	LF	\$ 4.50	\$ 774.00
Success: All values provided	#1-82	6" Skip Striping, Yellow (Thermoplastic)	82	2576	LF	\$ 1.50	\$ 3,864.00

Success: All values provided	#1-83	6" Skip Striping, Yellow (Reflective Paint)	83	1290	LF	\$ 2.00	\$ 2,580.00
Success: All values provided	#1-84	6" Solid Striping, Yellow (Reflective Paint)	84	290	LF	\$ 2.00	\$ 580.00
Success: All values provided	#1-85	6" Dashed Striping, White (Thermoplastic)	85	30	LF	\$ 1.50	\$ 45.00
Success: All values provided	#1-86	Triangle Yield Line	86	30	LF	\$ 32.00	\$ 960.00
Success: All values provided	#1-87	12" Stop Bar (Thermoplastic)	87	95	LF	\$ 8.00	\$ 760.00
Success: All values provided	#1-88	24" Crosswalk Markings (Thermoplastic)	88	340	LF	\$ 25.00	\$ 8,500.00
Success: All values provided	#1-89	Pavement Symbols (Thermoplastic)	89	51	EA	\$ 385.00	\$ 19,635.00
Success: All values provided	#1-90	"YIELD" Pavement Symbols (Thermoplastic)	90	3	EA	\$ 550.00	\$ 1,650.00
Success: All values provided	#1-91	Remove and Replace Mailboxes	91	5	EA	\$ 300.00	\$ 1,500.00
Success: All values provided	#1-92	Retangular Rapid-Flashing Beacon, (Carmanah R920)	92	2	EA	\$ 15,000.00	\$ 30,000.00
Success: All values provided	#1-93	Street Signs Installation, as Indicated on Plans	93	29	EA	\$ 350.00	\$ 10,150.00
Success: All values provided	#1-94	Project Signs	94	2	EA	\$ 750.00	\$ 1,500.00
Success: All values provided	#1-95	Illuminated Collapsible Bollard & Base Light Complete and Operational	95	3	EA	\$ 6,000.00	\$ 18,000.00
Success: All values provided	#1-96	Integrally Colored Stamped Concrete (Splitter Islands and Apron)	96	221	SY	\$ 120.00	\$ 26,520.00
Success: All values provided	#1-97	26' Diameter Mountable Center Island	97	59	SY	\$ 100.00	\$ 5,900.00
Success: All values provided	#1-98	Glass 360 Degree Reflective Curb Markers	98	53	EA	\$ 64.00	\$ 3,392.00
Success: All values provided	#1-99	Construction Adjacent to Pond	99	1	LS	\$ 40,000.00	\$ 40,000.00
Success: All values provided	#1-100	Construct Cable Fence with Gates	100	1	LS	\$ 20,000.00	\$ 20,000.00
Success: All values provided	#1-101	Black Gum Tree, 2" Caliper, Installed	101	49	EA	\$ 537.32	\$ 26,328.68
Success: All values provided	#1-102	Willow Oak Tree, 2" Caliper, Installed	102	49	EA	\$ 537.32	\$ 26,328.68
Success: All values provided	#1-103	Thornless Honey Locust Tree	103	6	EA	\$ 537.32	\$ 3,223.92
Success: All values provided	#1-104	Northen Red Oak Tree, 2" Caliper, Installed	104	23	EA	\$ 537.32	\$ 12,358.36
Success: All values provided	#1-105	Princeton Elm Tree, 2" Caliper, Installed	105	48	EA	\$ 537.32	\$ 25,791.36
Success: All values provided	#1-106	Oklahoma Red Bud Tree, 2" Caliper, Installed	106	9	EA	\$ 537.32	\$ 4,835.88
Success: All values provided	#1-107	Drip Irrigation System with Two RPZ Backflow Preventers, Installed , Complete	107	1	LS	\$ 42,537.00	\$ 42,537.00
Success: All values provided	#1-108	Type S1 Light Fixture, Pole and Foundation (14' Pole), Installed, Complete	108	69	EA	\$ 5,641.00	\$ 389,229.00
Success: All values provided	#1-109	Type S2 Light Fixture, Pole and Foundation (30' Pole), Installed, Complete	109	6	EA	\$ 4,634.00	\$ 27,804.00

Success: All values provided	#1-110	1" Conduit in Trench	110	6708	LF	\$ 5.93	\$ 39,778.44
Success: All values provided	#1-111	Junction Boxes, Installed	111	78	EA	\$ 455.00	\$ 35,490.00
Success: All values provided	#1-112	Conductors (2C/#8 & 1C/#8) Installed in Conduit	112	6708	LF	\$ 2.40	\$ 16,099.20
Success: All values provided	#1-113	Electrical Service, Installed	113	2	LF	\$ 1,200.00	\$ 2,400.00
Success: All values provided	#1-114	Commercial Pedestal, Installed	114	2	EA	\$ 10,500.00	\$ 21,000.00
Success: All values provided	#1-115	5' Juntion Box	115	1	EA	\$ 3,500.00	\$ 3,500.00

Bid Schedule 2

Success: All values provided	#2-1	Act 291, 1993 Trench & Excavation Safety Systems	116	1	LS	\$ 500.00	\$ 500.00
Success: All values provided	#2-2	Mobilization (Water and Sewer Utilities)	117	1	LS	\$ 58,413.60	\$ 58,413.60
Success: All values provided	#2-3	Traffic Control (Water and Sewer Utilities)	118	1	LS	\$ 20,000.00	\$ 20,000.00
Success: All values provided	#2-4	12-Inch PVC, C-900, DR-14 Water Main	119	5085	LF	\$ 48.00	\$ 244,080.00
Success: All values provided	#2-5	12-Inch PVC, C-900, DR-14 Restrained Joint Water Main	120	475	LF	\$ 75.00	\$ 35,625.00
Success: All values provided	#2-6	8-Inch PVC, C-900, DR-14 Restrained Joint Water Main	121	580	LF	\$ 60.00	\$ 34,800.00
Success: All values provided	#2-7	6-Inch PVC, C-900, DR-14 Restrained Joint Water Main	122	215	LF	\$ 50.00	\$ 10,750.00
Success: All values provided	#2-8	8-Inch Class 350 Restrained Joint DIP Water Main	123	50	LF	\$ 105.00	\$ 5,250.00
Success: All values provided	#2-9	Existing Storm Sewer Protect, Point Repair and Temerorary Reroute - Water	124	1	LS	\$ 15,000.00	\$ 15,000.00
Success: All values provided	#2-10	16-Inch Min. Dia. Direct Bury Steel Casing	125	265	LF	\$ 120.00	\$ 31,800.00
Success: All values provided	#2-11	24-Inch Min. Dia. Direct Bury Steel Casing	126	150	LF	\$ 125.00	\$ 18,750.00
Success: All values provided	#2-12	12-Inch x 1-Inch Service Tap	127	13	EA	\$ 250.00	\$ 3,250.00
Success: All values provided	#2-13	8-Inch x 1-Inch Water Service Tap	128	1	EA	\$ 350.00	\$ 350.00
Success: All values provided	#2-14	6-Inch x 1-Inch Service Tap	129	6	EA	\$ 250.00	\$ 1,500.00
Success: All values provided	#2-15	1-Inch Coated Copper Service Tubing	130	400	LF	\$ 30.00	\$ 12,000.00
Success: All values provided	#2-16	2-Inch Min. Dia. HDPE SDR-9 Casing	131	335	LF	\$ 28.00	\$ 9,380.00
Success: All values provided	#2-17	Single 1-Inch Meter Setting, Complete	132	6	EA	\$ 1,400.00	\$ 8,400.00
Success: All values provided	#2-18	Single 5/8-Inch Irrigation Meter Setting, Complete	133	2	EA	\$ 1,200.00	\$ 2,400.00
Success: All values provided	#2-19	Double Meter Setting Reconnect	134	4	EA	\$ 900.00	\$ 3,600.00
Success: All values provided	#2-20	Single Meter Setting Reconnect	135	7	EA	\$ 900.00	\$ 6,300.00

Success: All values provided	#2-21	Abandon Exist WM and Service Line	136	2	EA	\$ 1,800.00	\$ 3,600.00
Success: All values provided	#2-22	12-Inch Butterfly Valve with Box	137	29	EA	\$ 8,290.00	\$ 240,410.00
Success: All values provided	#2-23	8-Inch Gate Valve with Box	138	11	EA	\$ 1,950.00	\$ 21,450.00
Success: All values provided	#2-24	6-Inch Gate Valve with Box	139	15	EA	\$ 1,500.00	\$ 22,500.00
Success: All values provided	#2-25	Ductile Iron Fittings for Water Main	140	5755	LBS	\$ 8.00	\$ 46,040.00
Success: All values provided	#2-26	Three Way Fire Hydrant Assembly	141	13	EA	\$ 5,500.00	\$ 71,500.00
Success: All values provided	#2-27	Salvage Fire Hydrant to Owner	142	6	EA	\$ 950.00	\$ 5,700.00
Success: All values provided	#2-28	Abandon Valve	143	17	EA	\$ 850.00	\$ 14,450.00
Success: All values provided	#2-29	Abandon Existing Water Main Under Roadway	144	4000	LF	\$ 18.00	\$ 72,000.00
Success: All values provided	#2-30	Sta. 0+36 Connect New Water Main to Existing Water Main	145	1	EA	\$ 2,000.00	\$ 2,000.00
Success: All values provided	#2-31	12-Inch x 12-Inch Tapping Sleeve, 12-Inch Tapping Valve with Box	146	2	EA	\$ 7,500.00	\$ 15,000.00
Success: All values provided	#2-32	8-Inch x 8-Inch Tapping Sleeve, 8-Inch Tapping Valve with Box	147	7	EA	\$ 5,000.00	\$ 35,000.00
Success: All values provided	#2-33	6-Inch x 6-Inch Tapping Sleeve, 6-Inch Tapping Valve with Box	148	3	EA	\$ 4,000.00	\$ 12,000.00
Success: All values provided	#2-34	Anchor Collar for 8-Inch Water Main	149	4	EA	\$ 1,500.00	\$ 6,000.00
Success: All values provided	#2-35	Anchor Collar for 12-Inch Water Main	150	1	EA	\$ 2,000.00	\$ 2,000.00
Success: All values provided	#2-36	6-Inch- Double Cut and Cap Existing Water Main	151	3	EA	\$ 1,349.00	\$ 4,047.00
Success: All values provided	#2-37	8-Inch- Double Cut and Cap Existing Water Main	152	8	EA	\$ 1,449.00	\$ 11,592.00
Success: All values provided	#2-38	12-Inch- Double Cut and Cap Existing Water Main	153	2	EA	\$ 1,749.00	\$ 3,498.00
Success: All values provided	#2-39	Full Depth Class 7 Aggregate Base Course Backfill (Water)	154	4200	LF	\$ 10.00	\$ 42,000.00
Success: All values provided	#2-40	Pavement Repair (Water)	155	580	LF	\$ 75.00	\$ 43,500.00
Success: All values provided	#2-41	Disinfection and Testing Water Main	156	1	LS	\$ 5,500.00	\$ 5,500.00
Success: All values provided	#2-42	Rock Removal - Water	157	200	CY	\$ 150.00	\$ 30,000.00

Bid Schedule 3

Success: All values provided	#3-1	Act 291, 1993 Trench & Excavation Safety Systems - Sewer	158	1	LS	\$ 500.00	\$ 500.00
Success: All values provided	#3-2	Mobilization - Sewer	159	1	LS	\$ 60,025.25	\$ 60,025.25
Success: All values provided	#3-3	Traffic Control - Sewer	160	1	LS	\$ 2,500.00	\$ 2,500.00

Success: All values provided	#3-4	15-Inch PVC SDR-26 Gravity Sewer Main	161	2430	LF	\$ 65.00	\$ 157,950.00
Success: All values provided	#3-5	15-Inch PVC SDR-26 Restrained Joint Sewer Main	162	435	LF	\$ 110.00	\$ 47,850.00
Success: All values provided	#3-6	8-Inch PVC SDR-26 Sewer Main	163	1000	LF	\$ 55.00	\$ 55,000.00
Success: All values provided	#3-7	6-Inch PVC SDR-26 Sewer Main	164	220	LF	\$ 50.00	\$ 11,000.00
Success: All values provided	#3-8	4-Inch PVC C-900 DR-18 Sewer Main	165	20	LF	\$ 40.00	\$ 800.00
Success: All values provided	#3-9	16-Inch D.I., Epoxy Lined w/ Polywrap, Sewer Main	166	670	LF	\$ 140.00	\$ 93,800.00
Success: All values provided	#3-10	8-Inch D.I., Epoxy Lined w/ Polywrap Sewer Main	167	265	LF	\$ 85.00	\$ 22,525.00
Success: All values provided	#3-11	30-Inch Steel Encasement by Bore	168	225	LF	\$ 125.00	\$ 28,125.00
Success: All values provided	#3-12	30-Inch Steel Encasement by Direct Bury	169	210	LF	\$ 300.00	\$ 63,000.00
Success: All values provided	#3-13	Sewer Main Trenching & Backfill, 0-6 Feet Deep	170	430	LF	\$ 10.00	\$ 4,300.00
Success: All values provided	#3-14	Sewer Main Trenching & Backfill, 6-10 Feet Deep	171	2465	LF	\$ 12.00	\$ 29,580.00
Success: All values provided	#3-15	Sewer Main Trenching & Backfill, 10-14 Feet Deep	172	1365	LF	\$ 15.00	\$ 20,475.00
Success: All values provided	#3-16	Sewer Main Trenching & Backfill, 14-18 Feet Deep	173	350	LF	\$ 19.00	\$ 6,650.00
Success: All values provided	#3-17	Sewer Main Trenching & Backfill, >18 Feet Deep	174	430	LF	\$ 22.00	\$ 9,460.00
Success: All values provided	#3-18	4' Diameter Manhole, 0-6 Feet Deep	175	16	EA	\$ 3,900.00	\$ 62,400.00
Success: All values provided	#3-19	4' Diameter Drop Manhole, 0-6 Feet Deep	176	1	EA	\$ 4,300.00	\$ 4,300.00
Success: All values provided	#3-20	4' Diameter Manhole, Extra Depth Over 6 Feet Deep	177	31	VF	\$ 350.00	\$ 10,850.00
Success: All values provided	#3-21	5' Diameter Manhole, 0-10 Feet Deep	178	12	EA	\$ 6,900.00	\$ 82,800.00
Success: All values provided	#3-22	5' Diameter Drop Manhole, 0-10 Feet Deep	179	1	EA	\$ 7,200.00	\$ 7,200.00
Success: All values provided	#3-23	5' Diameter Manhole, Extra Depth Over 10 Feet Deep	180	46	VF	\$ 490.00	\$ 22,540.00
Success: All values provided	#3-24	4' Diameter Manhole Epoxy Coating	181	133	VF	\$ 300.00	\$ 39,900.00
Success: All values provided	#3-25	5' Diameter Manhole Epoxy Coating	182	166	VF	\$ 350.00	\$ 58,100.00
Success: All values provided	#3-26	Abandon Existing Sewer Main Under Roadway	183	3200	LF	\$ 15.00	\$ 48,000.00
Success: All values provided	#3-27	Abandon Manhole	184	18	EA	\$ 750.00	\$ 13,500.00
Success: All values provided	#3-28	Low Pressure testing Sewer Main	185	1	LS	\$ 5,500.00	\$ 5,500.00
Success: All values provided	#3-29	Vacuum Testing Sewer Manhole	186	1	LS	\$ 4,500.00	\$ 4,500.00

Success: All values provided	#3-30	CAst Iron MAhole Ring and Lid	187	30	EA	\$ 250.00	\$ 7,500.00
Success: All values provided	#3-31	Concrete Dams	188	3	EA	\$ 100.00	\$ 300.00
Success: All values provided	#3-32	Flowable Fill	189	10	CY	\$ 10.00	\$ 100.00
Success: All values provided	#3-33	Force Main Tracer Wire Access Port	190	2	EA	\$ 250.00	\$ 500.00
Success: All values provided	#3-34	Salvage Force Main Air Release Valve	191	1	EA	\$ 1,250.00	\$ 1,250.00
Success: All values provided	#3-35	Full Depth Class 7 Aggregate Base Course Backfill (Sewer)	192	3775	LF	\$ 15.00	\$ 56,625.00
Success: All values provided	#3-36	Post Construction CCTV of Sewer Main	193	4855	LF	\$ 3.00	\$ 14,565.00
Success: All values provided	#3-37	Pavement Repair - Sewer	194	580	LF	\$ 75.00	\$ 43,500.00
Success: All values provided	#3-38	Ductile Iron Fittings for Sewer Force Main	195	20	LBS	\$ 28.00	\$ 560.00
Success: All values provided	#3-39	Existing Storm Sewer Protect, Point Repair and Temporary Reroute - Sewer	196	1	LS	\$ 15,000.00	\$ 15,000.00
Success: All values provided	#3-40	Rock Removal - Sewer	197	800	CY	\$ 100.00	\$ 80,000.00



Bid Tabulation
Bid 20-39, Construction - Zion Road; Vantage to Crossover

					APAC-Central, Inc.		Boyles Construction, Inc.		Crossland Heavy		Goodwin & Goodwin, Inc.		Sweetser Construction, Inc.		Tri Star Contractors, LLC			
					Total Cost		\$9,574,666.03		\$7,269,897.70		\$8,288,379.72		\$8,724,128.50		\$9,929,029.75		\$6,820,075.20	
#	Items	Item No.	Quantity Required	Unit of Measure	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost		
#1-1	Act 291, 1993 Trench & Excavation Safety Systems	1	1	LS	\$20,000.00	\$20,000.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00	\$225,000.00	\$225,000.00	\$500	\$500		
#1-2	Erosion Control	2	1	LS	\$150,000.00	\$150,000.00	\$85,000.00	\$85,000.00	\$85,000.00	\$85,000.00	\$125,000.00	\$125,000.00	\$165,000.00	\$165,000.00	\$45,000.00	\$45,000.00		
#1-3	Insurance and Bonding	3	1	LS	\$50,000.00	\$50,000.00	\$140,000.00	\$140,000.00	\$101,200.00	\$101,200.00	\$200,000.00	\$200,000.00	\$132,087.00	\$132,087.00	\$200,438.60	\$200,438.60		
#1-4	Roadway Construction Control	4	1	LS	\$75,000.00	\$75,000.00	\$100,000.00	\$100,000.00	\$210,000.00	\$210,000.00	\$125,000.00	\$125,000.00	\$38,000.00	\$38,000.00	\$30,000.00	\$30,000.00		
#1-5	Traffic Control and Maintenance	5	1	LS	\$145,000.00	\$145,000.00	\$130,000.00	\$130,000.00	\$138,000.00	\$138,000.00	\$200,000.00	\$200,000.00	\$383,800.00	\$383,800.00	\$50,000.00	\$50,000.00		
#1-6	Clearing, Grubbing, & Demolition	6	1	LS	\$160,000.00	\$160,000.00	\$150,000.00	\$150,000.00	\$279,000.00	\$279,000.00	\$250,000.00	\$250,000.00	\$343,600.00	\$343,600.00	\$100,000.00	\$100,000.00		
#1-7	Mobilization (Street and Drainage, SCH 1) (Shall not exceed 5% of Total Bid)	7	1	LS	\$260,000.00	\$260,000.00	\$260,000.00	\$260,000.00	\$132,000.00	\$132,000.00	\$200,000.00	\$200,000.00	\$187,500.00	\$187,500.00	\$209,009.23	\$209,009.23		
#1-8	Undercut and Backfill (Allowance)	8	470	CY	\$75	\$35,250.00	\$18	\$8,460.00	\$40	\$18,800.00	\$45	\$21,150.00	\$29	\$13,630.00	\$22	\$10,340.00		
#1-9	Rock Excavation (Allowance)	9	250	CY	\$145	\$36,250.00	\$35	\$8,750.00	\$175	\$43,750.00	\$200	\$50,000.00	\$225	\$56,250.00	\$150	\$37,500.00		
#1-10	Unclassified Excavation (Plan Quantity)	10	22770	CY	\$13	\$296,010.00	\$10	\$227,700.00	\$18	\$409,860.00	\$14	\$318,780.00	\$22	\$500,940.00	\$8.75	\$199,237.50		
#1-11	Select Embankment (Plan Quantity)	11	4685	CY	\$26	\$121,810.00	\$11	\$51,535.00	\$18	\$84,330.00	\$22	\$103,070.00	\$26	\$121,810.00	\$11.75	\$55,048.75		
#1-12	Embankment (Plan Quantity)	12	13340	CY	\$19	\$253,460.00	\$12	\$160,080.00	\$10	\$133,400.00	\$14	\$186,760.00	\$26	\$346,840.00	\$10.75	\$143,405.00		
#1-13	Subgrade Preparation (Plan Quantity)	13	15406	CY	\$1.55	\$23,879.30	\$2	\$30,812.00	\$2.85	\$43,907.10	\$14	\$215,684.00	\$10	\$154,060.00	\$2	\$30,812.00		
#1-14	Undercut and Stone Backfill (Allowance)	14	500	TON	\$55	\$27,500.00	\$28	\$14,000.00	\$28	\$14,000.00	\$30	\$15,000.00	\$45	\$22,500.00	\$69	\$34,500.00		
#1-15	4" Topsoil Placement (Yard Areas)	15	10575	SY	\$3.51	\$37,118.25	\$4	\$42,300.00	\$3.75	\$39,656.25	\$5	\$52,875.00	\$6	\$63,450.00	\$5	\$52,875.00		
#1-16	4" Topsoil Placement (Other Areas)	16	8630	SY	\$3.51	\$30,291.30	\$4	\$34,520.00	\$3.75	\$32,362.50	\$5	\$43,150.00	\$6	\$51,780.00	\$5	\$43,150.00		
#1-17	18" RCP, Under Pavement	17	400	LF	\$70.50	\$28,200.00	\$87	\$34,800.00	\$88	\$35,200.00	\$75	\$30,000.00	\$57.40	\$22,960.00	\$65	\$26,000.00		
#1-18	18" RCP, Outside Roadway	18	1635	LF	\$38.60	\$63,111.00	\$51	\$83,385.00	\$66	\$107,910.00	\$50	\$81,750.00	\$49.20	\$80,442.00	\$50	\$81,750.00		
#1-19	24" RCP, Under Pavement	19	119	LF	\$95.50	\$11,364.50	\$96	\$11,424.00	\$101	\$12,019.00	\$85	\$10,115.00	\$84	\$9,996.00	\$75	\$8,925.00		
#1-20	24" RCP, Outside Roadway	20	737	LF	\$50.02	\$36,864.74	\$60	\$44,220.00	\$77	\$56,749.00	\$60	\$44,220.00	\$72	\$53,064.00	\$60	\$44,220.00		
#1-21	30" RCP, Outside Roadway	21	142	LF	\$72	\$10,224.00	\$83	\$11,786.00	\$94	\$13,348.00	\$105	\$14,910.00	\$105	\$14,910.00	\$75	\$10,650.00		
#1-22	53" x 34" HERCP, Under Pavement	22	91	LF	\$243	\$22,113.00	\$200	\$18,200.00	\$248	\$22,568.00	\$200	\$18,200.00	\$360	\$32,760.00	\$250	\$22,750.00		
#1-23	53" x 34" HERCP, Outside Roadway	23	41	LF	\$195	\$7,995.00	\$165	\$6,765.00	\$193	\$7,913.00	\$165	\$6,765.00	\$308	\$12,628.00	\$235	\$9,635.00		
#1-24	42" RCP, Outside Roadway	24	32	LF	\$225	\$7,200.00	\$140	\$4,480.00	\$167	\$5,344.00	\$150	\$4,800.00	\$219	\$7,008.00	\$149	\$4,768.00		
#1-25	Reconstruct Existing Inlet Tops	25	6	EA	\$3,700.00	\$22,200.00	\$3,000.00	\$18,000.00	\$2,050.00	\$12,300.00	\$1,500.00	\$9,000.00	\$2,500.00	\$15,000.00	\$37.50	\$225.00		
#1-26	4" Drop Inlet	26	25	EA	\$4,025.00	\$100,625.00	\$3,500.00	\$87,500.00	\$5,200.00	\$130,000.00	\$4,000.00	\$100,000.00	\$3,600.00	\$90,000.00	\$3,400.00	\$85,000.00		
#1-27	4" Drop Inlet, Connected to RC Box Culvert	27	2	EA	\$4,375.00	\$8,750.00	\$3,800.00	\$7,600.00	\$5,400.00	\$10,800.00	\$5,000.00	\$10,000.00	\$3,600.00	\$7,200.00	\$4,500.00	\$9,000.00		
#1-28	5" Drop Inlet	28	9	EA	\$4,575.00	\$41,175.00	\$4,800.00	\$43,200.00	\$6,700.00	\$60,300.00	\$5,000.00	\$45,000.00	\$6,300.00	\$56,700.00	\$5,000.00	\$45,000.00		
#1-29	6" Drop Inlet	29	4	EA	\$8,400.00	\$33,600.00	\$7,200.00	\$28,800.00	\$8,900.00	\$35,600.00	\$7,000.00	\$28,000.00	\$7,300.00	\$29,200.00	\$5,400.00	\$21,600.00		
#1-30	10' x 6' Drop Inlet Box	30	1	EA	\$11,605.00	\$11,605.00	\$17,000.00	\$17,000.00	\$11,300.00	\$11,300.00	\$15,000.00	\$15,000.00	\$9,500.00	\$9,500.00	\$10,000.00	\$10,000.00		
#1-31	4" Junction Box	31	4	EA	\$4,190.00	\$16,760.00	\$3,900.00	\$15,600.00	\$5,600.00	\$22,400.00	\$4,000.00	\$16,000.00	\$3,600.00	\$14,400.00	\$3,200.00	\$12,800.00		
#1-32	6" Junction Box	32	4	EA	\$6,810.00	\$27,240.00	\$7,500.00	\$30,000.00	\$9,500.00	\$38,000.00	\$7,000.00	\$28,000.00	\$7,300.00	\$29,200.00	\$5,700.00	\$22,800.00		
#1-33	Drop Inlet Extensions (4')	33	18	EA	\$915	\$16,470.00	\$1,550.00	\$27,900.00	\$1,120.00	\$20,160.00	\$1,200.00	\$21,600.00	\$2,000.00	\$36,000.00	\$1,000.00	\$18,000.00		
#1-34	Drop Inlet Extensions (8')	34	16	EA	\$1,075.00	\$17,200.00	\$3,200.00	\$51,200.00	\$1,895.00	\$30,320.00	\$2,000.00	\$32,000.00	\$4,000.00	\$64,000.00	\$1,600.00	\$25,600.00		
#1-35	Drop Inlet Extensions (12')	35	1	EA	\$1,960.00	\$1,960.00	\$3,910.00	\$3,910.00	\$2,725.00	\$2,725.00	\$3,000.00	\$3,000.00	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00		
#1-36	Reconstruct Existing Inlet with Reverse Throat	36	1	EA	\$3,075.00	\$3,075.00	\$4,250.00	\$4,250.00	\$2,960.00	\$2,960.00	\$2,500.00	\$2,500.00	\$3,800.00	\$3,800.00	\$5,000.00	\$5,000.00		
#1-37	Connect Pipe to Existing Drainage Structure	37	1	EA	\$1,420.00	\$1,420.00	\$1,200.00	\$1,200.00	\$1,435.00	\$1,435.00	\$2,000.00	\$2,000.00	\$3,500.00	\$3,500.00	\$1,200.00	\$1,200.00		
#1-38	Combination Inlet Frame/Top	38	3	EA	\$7,950.00	\$23,850.00	\$4,590.00	\$13,770.00	\$3,550.00	\$10,650.00	\$1,500.00	\$4,500.00	\$7,200.00	\$21,600.00	\$3,800.00	\$11,400.00		
#1-39	18" Flared End Section	39	5	EA	\$924	\$4,620.00	\$640	\$3,200.00	\$1,040.00	\$5,200.00	\$600	\$3,000.00	\$750	\$3,750.00	\$1,200.00	\$6,000.00		
#1-40	24" Flared End Section	40	1	EA	\$1,165.00	\$1,165.00	\$780	\$780.00	\$1,235.00	\$1,235.00	\$800	\$800.00	\$800	\$800.00	\$1,700.00	\$1,700.00		
#1-41	4' x 4' Reinforce Concrete Box Culvert	41	114	LF	\$360	\$41,040.00	\$425	\$48,450.00	\$498	\$56,772.00	\$575	\$65,550.00	\$510	\$58,140.00	\$400	\$45,600.00		
#1-42	Concrete Headwall w/ Wingwalls to 4' x 4' RC Box Culvert and Appurtenances	42	1	LS	\$14,800.00	\$14,800.00	\$10,000.00	\$10,000.00	\$6,975.00	\$6,975.00	\$35,000.00	\$35,000.00	\$72,200.00	\$72,200.00	\$7,000.00	\$7,000.00		
#1-43	Concrete Headwall w/ Wingwalls to Dual 42" RCP and Appurtenances	43	1	LS	\$14,800.00	\$14,800.00	\$11,400.00	\$11,400.00	\$8,000.00	\$8,000.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$9,500.00	\$9,500.00		
#1-44	Rip-Rap	44	40	SY	\$120	\$4,800.00	\$26	\$1,040.00	\$115	\$4,600.00	\$125	\$5,000.00	\$75	\$3,000.00	\$50	\$2,000.00		
#1-45	Cold Milling Pavement (2")	45	3511	SY	\$5.85	\$20,539.35	\$6.70	\$23,523.70	\$6.55	\$22,997.05	\$6	\$21,066.00	\$7	\$24,577.00	\$5	\$17,555.00		
#1-46	2" ACHM Superpave Surface Course (Overlay)	46	740	TON	\$87.30	\$64,602.00	\$100	\$74,000.00	\$98	\$72,520.00	\$97	\$71,780.00	\$97	\$71,780.00	\$105	\$77,700.00		
#1-47	3" ACHM Superpave Surface Course	47	2000	TON	\$82.30	\$164,600.00	\$92	\$184,000.00	\$92	\$184,000.00	\$93	\$186,000.00	\$92.30	\$184,600.00	\$110	\$220,000.00		
#1-48	3" ACHM Superpave Binder Course	48	2025	TON	\$71.55	\$144,888.75	\$80	\$162,000.00	\$80	\$162,000.00	\$82	\$166,050.00	\$81.55	\$165,138.75	\$115	\$232,875.00		
#1-49	ACHM Superpave Binder Leveling Course	49	100	TON	\$103	\$10,300.00	\$120	\$12,000.00	\$115	\$11,500.00	\$115	\$11,500.00	\$120	\$12,000.00	\$119	\$11,900.00		
#1-50	8" Class 7 Aggregate Base Course	50	14250	SY	\$10	\$142,500.00	\$12.70	\$180,975.00	\$14	\$199,500.00	\$14	\$199,500.00	\$24	\$342,000.00	\$11	\$156,750.00		
#1-51	ACHM Patching of Existing Roadway	51	30	TON	\$306	\$9,180.00	\$100	\$3,000.00	\$343	\$10,290.00	\$225	\$6,750.00	\$350	\$10,500.00	\$150	\$4,500.00		
#1-52	Aggregate Based for Roadway Maintenance	52	100	TON	\$115	\$11,500.00	\$36	\$3,600.00	\$36	\$3,600.00	\$80	\$8,000.00	\$36	\$3,600.00	\$40	\$4,000.00		
#1-53	Prime Coat	53	11330	SY	\$1.25	\$14,162.50	\$1.50	\$16,995.00	\$1.40	\$15,862.00	\$2	\$22,660.00	\$1.25	\$14,162.50	\$1.95	\$22,093.50		
#1-54	Concrete Curb and Gutter	54	8375	LF	\$18.50	\$154,937.50	\$14	\$117,250.00	\$15.50	\$129,812.50	\$26	\$217,750.00	\$22	\$184,250.00	\$18	\$150,750.00		
#1-55	Modified Concrete Curb and Gutter	55	780	LF	\$25	\$19,500.00	\$14	\$10,920.00	\$16.50	\$12,870.00	\$26	\$20,280.00	\$24	\$18,720.00	\$20	\$15,600.00		
#1-56	Type B Concrete Curb and Gutter	56	380	LF	\$45	\$17,100.00	\$13.50	\$5,130.00	\$18.50	\$7,030.00	\$26	\$9,880.00	\$24	\$9,120.00	\$22	\$8,360.00		

#1-57	3" Curb (at Raised Concrete Apron)	57	75	LF	\$57	\$4,275.00	\$12.70	\$952.50	\$18	\$1,350.00	\$30	\$2,250.00	\$24	\$1,800.00	\$19	\$1,425.00
#1-58	12" Wide Ribbon Curb (Mini-Roundabout)	58	151	LF	\$58	\$8,758.00	\$16	\$2,416.00	\$26	\$3,926.00	\$32	\$4,832.00	\$30	\$4,530.00	\$17	\$2,567.00
#1-59	1' Valley Curb (at Intersections)	59	265	LF	\$60	\$15,900.00	\$14	\$3,710.00	\$19.50	\$5,167.50	\$32	\$8,480.00	\$24	\$6,360.00	\$22	\$5,830.00
#1-60	(4" Depth) 6' Wide Concrete Sidewalk	60	2260	SY	\$60	\$135,600.00	\$50	\$113,000.00	\$44	\$99,440.00	\$55	\$124,300.00	\$55	\$124,300.00	\$52	\$117,520.00
#1-61	(4" Depth) 10' Wide Concrete Trail	61	6000	SY	\$55	\$330,000.00	\$52	\$312,000.00	\$44	\$264,000.00	\$55	\$330,000.00	\$55	\$330,000.00	\$52	\$312,000.00
#1-62	(8" Depth) 10' Wide Colored Concrete Trail Crossings (per Detail TC1)	62	240	SY	\$155	\$37,200.00	\$94.21	\$22,610.40	\$99	\$23,760.00	\$130	\$31,200.00	\$195	\$46,800.00	\$100	\$24,000.00
#1-63	Concrete ADA Ramp	63	225	SY	\$90	\$20,250.00	\$60	\$13,500.00	\$50	\$11,250.00	\$65	\$14,625.00	\$85	\$19,125.00	\$96.75	\$21,768.75
#1-64	Cast-in Place Detectable Warning Panel	64	524	SF	\$45	\$23,580.00	\$60	\$31,440.00	\$22.50	\$11,790.00	\$25	\$13,100.00	\$35	\$18,340.00	\$27	\$14,148.00
#1-65	Concrete Driveway Apron (6" Thick Approach and Sidewalk)	65	670	SY	\$90	\$60,300.00	\$65	\$43,550.00	\$56	\$37,520.00	\$55	\$36,850.00	\$75	\$50,250.00	\$60	\$40,200.00
#1-66	6" Thick Concrete Driveway	66	760	SY	\$78	\$59,280.00	\$64	\$48,640.00	\$51	\$38,760.00	\$55	\$41,800.00	\$75	\$57,000.00	\$60	\$45,600.00
#1-67	3" Thick Asphalt Driveway	67	130	SY	\$40	\$5,200.00	\$50	\$6,500.00	\$28	\$3,640.00	\$35	\$4,550.00	\$55	\$7,150.00	\$28	\$3,640.00
#1-68	Aggregate Base Course Driveway	68	155	SY	\$22	\$3,410.00	\$15	\$2,325.00	\$13.50	\$2,092.50	\$12	\$1,860.00	\$36	\$5,580.00	\$15	\$2,325.00
#1-69	Raised Concrete Apron (at Mini Roundabout)	69	22	SY	\$195	\$4,290.00	\$156	\$3,432.00	\$75	\$1,650.00	\$175	\$3,850.00	\$125	\$2,750.00	\$75	\$1,650.00
#1-70	Concrete Bus Pull-Out Apron	70	205	SY	\$107.50	\$22,037.50	\$80	\$16,400.00	\$55	\$11,275.00	\$85	\$17,425.00	\$125	\$25,625.00	\$85	\$17,425.00
#1-71	Variable Height Cast-in-Place Reinforced Concrete Retaining Walls	71	390	LF	\$720	\$280,800.00	\$240	\$93,600.00	\$566	\$220,740.00	\$450	\$175,500.00	\$166	\$64,740.00	\$200	\$78,000.00
#1-72	Steel Handrail (Retaining Walls and Headwalls/Wingwalls)	72	440	LF	\$135	\$59,400.00	\$25	\$11,000.00	\$100	\$44,000.00	\$85	\$37,400.00	\$147	\$64,680.00	\$100	\$44,000.00
#1-73	Concrete Channel Paving	73	80	SY	\$400	\$32,000.00	\$72	\$5,760.00	\$62	\$4,960.00	\$150	\$12,000.00	\$125	\$10,000.00	\$60	\$4,800.00
#1-74	6" Thick Concrete Flume w/ Energy Dissipaters	74	5	SY	\$380	\$1,900.00	\$82	\$410	\$108	\$540	\$200	\$1,000.00	\$300	\$1,500.00	\$150	\$750
#1-75	Solid Sod (excludes Topsoil)	75	9980	SY	\$3.40	\$33,932.00	\$4.40	\$43,912.00	\$3.60	\$35,928.00	\$6	\$59,880.00	\$4.70	\$46,906.00	\$4	\$39,920.00
#1-76	Seeding and Mulching	76	2	ACRE	\$2,353.89	\$4,707.78	\$2,880.00	\$5,760.00	\$2,475.00	\$4,950.00	\$4,000.00	\$8,000.00	\$3,080.00	\$6,160.00	\$2,200.00	\$4,400.00
#1-77	6" Solid Striping, White (Thermoplastic)	77	59	LF	\$1.35	\$79.65	\$1.50	\$88.50	\$1.40	\$82.60	\$1.50	\$88.50	\$1.50	\$88.50	\$1.50	\$88.50
#1-78	12" Solid Striping, White (Thermoplastic)	78	110	LF	\$7.57	\$832.70	\$8.50	\$935.00	\$7.75	\$852.50	\$10	\$1,100.00	\$8.40	\$924.00	\$9	\$990
#1-79	24" Solid Striping, White (Thermoplastic)	79	200	LF	\$15.13	\$3,026.00	\$17	\$3,400.00	\$15.50	\$3,100.00	\$20	\$4,000.00	\$16.80	\$3,360.00	\$35	\$7,000.00
#1-80	6" Solid Striping, Yellow (Thermoplastic)	80	11350	LF	\$1.35	\$15,322.50	\$1.50	\$17,025.00	\$1.40	\$15,890.00	\$1.50	\$17,025.00	\$1.50	\$17,025.00	\$1.50	\$17,025.00
#1-81	8" Solid Striping, Yellow (Thermoplastic)	81	172	LF	\$4.32	\$743.04	\$4.85	\$834.20	\$4.50	\$774.00	\$20	\$3,440.00	\$4.80	\$825.60	\$4.50	\$774.00
#1-82	6" Skip Striping, Yellow (Thermoplastic)	82	2576	LF	\$1.35	\$3,477.60	\$1.50	\$3,864.00	\$1.40	\$3,606.40	\$1.50	\$3,864.00	\$1.50	\$3,864.00	\$1.50	\$3,864.00
#1-83	6" Skip Striping, Yellow (Reflective Paint)	83	1290	LF	\$2.16	\$2,786.40	\$2.40	\$3,096.00	\$2.25	\$2,902.50	\$2.50	\$3,225.00	\$2.40	\$3,096.00	\$2	\$2,580.00
#1-84	6" Solid Striping, Yellow (Reflective Paint)	84	290	LF	\$2.16	\$626.40	\$2.40	\$696.00	\$2.25	\$652.50	\$2.50	\$725.00	\$2.40	\$696.00	\$2	\$580
#1-85	6" Dashed Striping, White (Thermoplastic)	85	30	LF	\$1.35	\$40.50	\$1.50	\$45.00	\$1.40	\$42.00	\$1.50	\$45.00	\$1.50	\$45.00	\$1.50	\$45.00
#1-86	Triangle Yield Line	86	30	LF	\$32.42	\$972.60	\$36.30	\$1,089.00	\$33.25	\$997.50	\$40	\$1,200.00	\$36	\$1,080.00	\$32	\$960
#1-87	12" Stop Bar (Thermoplastic)	87	95	LF	\$7.57	\$719.15	\$8.50	\$807.50	\$7.75	\$736.25	\$10	\$950	\$8.40	\$798.00	\$8	\$760
#1-88	24" Crosswalk Markings (Thermoplastic)	88	340	LF	\$21.62	\$7,350.80	\$24.20	\$8,228.00	\$22.25	\$7,565.00	\$25	\$8,500.00	\$24	\$8,160.00	\$25	\$8,500.00
#1-89	Pavement Symbols (Thermoplastic)	89	51	EA	\$378.26	\$19,291.26	\$423.50	\$21,598.50	\$388	\$19,788.00	\$425	\$21,675.00	\$420	\$21,420.00	\$385	\$19,635.00
#1-90	"YIELD" Pavement Symbols (Thermoplastic)	90	3	EA	\$540.38	\$1,621.14	\$605	\$1,815.00	\$554	\$1,662.00	\$625	\$1,875.00	\$600	\$1,800.00	\$550	\$1,650.00
#1-91	Remove and Replace Mailboxes	91	5	EA	\$270.19	\$1,350.95	\$300	\$1,500.00	\$277	\$1,385.00	\$325	\$1,625.00	\$300	\$1,500.00	\$300	\$1,500.00
#1-92	Rectangular Rapid-Flashing Beacon, (Carmanah R920)	92	2	EA	\$11,888.32	\$23,776.64	\$5,170.00	\$10,340.00	\$12,310.00	\$24,620.00	\$13,000.00	\$26,000.00	\$12,000.00	\$24,000.00	\$15,000.00	\$30,000.00
#1-93	Street Signs Installation, as Indicated on Plans	93	29	EA	\$324.23	\$9,402.67	\$365	\$10,585.00	\$333	\$9,657.00	\$400	\$11,600.00	\$360	\$10,440.00	\$350	\$10,150.00
#1-94	Project Signs	94	2	EA	\$810.57	\$1,621.14	\$1,150.00	\$2,300.00	\$831	\$1,662.00	\$1,500.00	\$3,000.00	\$900	\$1,800.00	\$750	\$1,500.00
#1-95	Illuminated Collapsible Bollard & Base Light Complete and Operational	95	3	EA	\$5,133.59	\$15,400.77	\$6,500.00	\$19,500.00	\$5,320.00	\$15,960.00	\$6,000.00	\$18,000.00	\$5,700.00	\$17,100.00	\$6,000.00	\$18,000.00
#1-96	Integrally Colored Stamped Concrete (Splitter Islands and Apron)	96	221	SY	\$204	\$45,084.00	\$182	\$40,222.00	\$98	\$21,658.00	\$135	\$29,835.00	\$195	\$43,095.00	\$120	\$26,520.00
#1-97	26" Diameter Mountable Center Island	97	59	SY	\$214.31	\$12,644.29	\$135	\$7,965.00	\$102	\$6,018.00	\$225	\$13,275.00	\$195	\$11,550.00	\$100	\$5,900.00
#1-98	Glass 360 Degree Reflective Curb Markers	98	53	EA	\$84.41	\$4,473.73	\$75	\$3,975.00	\$135	\$7,155.00	\$35	\$1,855.00	\$95	\$5,035.00	\$64	\$3,392.00
#1-99	Construction Adjacent to Pond	99	1	LS	\$275,000.00	\$275,000.00	\$15,000.00	\$15,000.00	\$78,000.00	\$78,000.00	\$25,000.00	\$25,000.00	\$12,600.00	\$12,600.00	\$40,000.00	\$40,000.00
#1-100	Construct Cable Fence with Gates	100	1	LS	\$15,130.59	\$15,130.59	\$16,500.00	\$16,500.00	\$12,600.00	\$12,600.00	\$8,000.00	\$8,000.00	\$15,400.00	\$15,400.00	\$20,000.00	\$20,000.00
#1-101	Black Gum Tree, 2" Caliper, Installed	101	49	EA	\$580.71	\$28,454.79	\$675	\$33,075.00	\$607.25	\$29,755.25	\$400	\$19,600.00	\$1,077.00	\$52,773.00	\$537.32	\$26,328.68
#1-102	Willow Oak Tree, 2" Caliper, Installed	102	49	EA	\$580.71	\$28,454.79	\$675	\$33,075.00	\$607.25	\$29,755.25	\$400	\$19,600.00	\$1,077.00	\$52,773.00	\$537.32	\$26,328.68
#1-103	Thornless Honey Locust Tree	103	6	EA	\$580.71	\$3,484.26	\$675	\$4,050.00	\$607.25	\$3,643.50	\$400	\$2,400.00	\$1,077.00	\$6,462.00	\$537.32	\$3,223.92
#1-104	Northern Red Oak Tree, 2" Caliper, Installed	104	23	EA	\$580.71	\$13,356.33	\$675	\$15,525.00	\$607.25	\$13,966.75	\$400	\$9,200.00	\$1,077.00	\$24,771.00	\$537.32	\$12,358.36
#1-105	Princeton Elm Tree, 2" Caliper, Installed	105	48	EA	\$580.71	\$27,874.08	\$675	\$32,400.00	\$607.25	\$29,148.00	\$400	\$19,200.00	\$1,077.00	\$51,696.00	\$537.32	\$25,791.36
#1-106	Oklahoma Red Bud Tree, 2" Caliper, Installed	106	9	EA	\$580.71	\$5,226.39	\$675	\$6,075.00	\$607.25	\$5,465.25	\$400	\$3,600.00	\$1,077.00	\$9,693.00	\$537.32	\$4,835.88
#1-107	Drip Irrigation System with Two RPZ Backflow Preventers, Installed , Complete	107	1	LS	\$45,972.68	\$45,972.68	\$52,680.00	\$52,680.00	\$48,071.00	\$48,071.00	\$20,000.00	\$20,000.00	\$57,420.00	\$57,420.00	\$42,537.00	\$42,537.00
#1-108	Type S1 Light Fixture, Pole and Foundation (14' Pole), Installed, Complete	108	69	EA	\$7,619.33	\$525,733.77	\$7,020.00	\$484,380.00	\$6,375.00	\$439,875.00	\$6,800.00	\$469,200.00	\$7,800.00	\$538,200.00	\$5,641.00	\$389,229.00
#1-109	Type S2 Light Fixture, Pole and Foundation (30' Pole), Installed, Complete	109	6	EA	\$8,132.69	\$48,796.14	\$6,785.00	\$40,710.00	\$5,238.00	\$31,428.00	\$6,500.00	\$39,000.00	\$7,925.00	\$47,550.00	\$4,634.00	\$27,804.00
#1-110	1" Conduit in Trench	110	6708	LF	\$6.92	\$46,419.36	\$5.40	\$36,232.20	\$6.70	\$44,943.60	\$5	\$33,540.00	\$8.40	\$56,347.20	\$5.93	\$39,778.44
#1-111	Junction Boxes, Installed	111	78	EA	\$903.51	\$70,473.78	\$370	\$28,860.00	\$469	\$36,582.00	\$400	\$31,200.00	\$890	\$69,420.00	\$455	\$35,490.00
#1-112	Conductors (2C/#8 & 1C/#8) Installed in Conduit	112	6708	LF	\$2.59	\$17,373.72	\$5.15	\$34,546.20	\$2.34	\$15,696.72	\$3	\$20,124.00	\$2.90	\$19,453.20	\$2.40	\$16,099.20
#1-113	Electrical Service, Installed	113	2	LF	\$2,701.89	\$5,403.78	\$7,670.00	\$15,340.00	\$1,170.00	\$2,340.00	\$3,800.00	\$7,600.00	\$2,900.00	\$5,800.00	\$1,200.00	\$2,400.00
#1-114	Commercial Pedestal, Installed	114	2	EA	\$12,969.08	\$25,938.16	\$10,030.00	\$20,060.00	\$10,625.00	\$21,250.00	\$15,000.00	\$30,000.00	\$12,900.00	\$25,800.00	\$10,500.00	\$21,000.00
#1-115	5' Junction Box	115	1	EA	\$5,500.00	\$5,500.00	\$6,000.00	\$6,000.00	\$6,500.00	\$6,500.00	\$10,000.00	\$10,000.00	\$6,500.00	\$6,500.00	\$3,500.00	\$3,500.00
#2-1	Act 291, 1993 Trench & Excavation Safety Systems	116	1	LS	\$23,776.64	\$23,776.64	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	\$500	\$500
#2-2	Mobilization (Water and Sewer Utilities)	117	1	LS	\$75,652.95	\$75,652.95	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00	\$30,000.00	\$30,000.00	\$110,000.00	\$110,000.00	\$58,413.60	\$58,413.60
#2-3	Traffic Control (Water and Sewer Utilities)	118	1	LS	\$21,615.13	\$21,615.13	\$6,000.00	\$6,000.00	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$20,000.00	\$20,000.00
#2-4	12-Inch PVC, C-900, DR-14 Water Main	119	5085	LF	\$89.70	\$456,124.50	\$43.40	\$220,689.00	\$74	\$376,290.00	\$60	\$305,100.00	\$60	\$305,100.00	\$48	\$244,080.00
#2-5	12-Inch PVC, C-900, DR-14 Restrained Joint Water Main	120	475	LF	\$149.14	\$70,841.50	\$53.40	\$25,365.00	\$119	\$56,525.00	\$85	\$40,375.00	\$85	\$40,3		

#2-17	Single 1-Inch Meter Setting, Complete	132	6	EA	\$1,621.14	\$9,726.84	\$1,200.00	\$7,200.00	\$1,300.00	\$7,800.00	\$1,200.00	\$7,200.00	\$1,200.00	\$7,200.00	\$1,400.00	\$8,400.00
#2-18	Single 5/8-Inch Irrigation Meter Setting, Complete	133	2	EA	\$1,567.10	\$3,134.20	\$940	\$1,880.00	\$1,250.00	\$2,500.00	\$1,200.00	\$2,400.00	\$1,200.00	\$2,400.00	\$1,200.00	\$2,400.00
#2-19	Double Meter Setting Reconnect	134	4	EA	\$1,080.76	\$4,323.04	\$1,250.00	\$5,000.00	\$850	\$3,400.00	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00	\$900	\$3,600.00
#2-20	Single Meter Setting Reconnect	135	7	EA	\$1,080.76	\$7,565.32	\$900	\$6,300.00	\$850	\$5,950.00	\$600	\$4,200.00	\$600	\$4,200.00	\$900	\$6,300.00
#2-21	Abandon Exist WM and Service Line	136	2	EA	\$324.23	\$648.46	\$600	\$1,200.00	\$250	\$500	\$400	\$800	\$400	\$800	\$1,800.00	\$3,600.00
#2-22	12-Inch Butterfly Valve with Box	137	29	EA	\$6,268.39	\$181,783.31	\$5,500.00	\$159,500.00	\$5,350.00	\$155,150.00	\$5,800.00	\$168,200.00	\$5,800.00	\$168,200.00	\$8,290.00	\$240,410.00
#2-23	8-Inch Gate Valve with Box	138	11	EA	\$2,053.44	\$22,587.84	\$1,790.00	\$19,690.00	\$1,650.00	\$18,150.00	\$2,500.00	\$27,500.00	\$2,500.00	\$27,500.00	\$1,950.00	\$21,450.00
#2-24	6-Inch Gate Valve with Box	139	15	EA	\$1,513.06	\$22,695.90	\$1,325.00	\$19,875.00	\$1,200.00	\$18,000.00	\$1,800.00	\$27,000.00	\$1,800.00	\$27,000.00	\$1,500.00	\$22,500.00
#2-25	Ductile Iron Fittings for Water Main	140	5755	LBS	\$12.97	\$74,642.35	\$6.90	\$39,709.50	\$11.60	\$66,758.00	\$9	\$51,795.00	\$9	\$51,795.00	\$8	\$46,040.00
#2-26	Three Way Fire Hydrant Assembly	141	13	EA	\$5,295.71	\$68,844.23	\$3,570.00	\$46,410.00	\$4,200.00	\$54,600.00	\$4,800.00	\$62,400.00	\$4,800.00	\$62,400.00	\$5,500.00	\$71,500.00
#2-27	Salvage Fire Hydrant to Owner	142	6	EA	\$540.38	\$3,242.28	\$600	\$3,600.00	\$450	\$2,700.00	\$800	\$4,800.00	\$800	\$4,800.00	\$950	\$5,700.00
#2-28	Abandon Valve	143	17	EA	\$378.26	\$6,430.42	\$250	\$4,250.00	\$300	\$5,100.00	\$200	\$3,400.00	\$200	\$3,400.00	\$850	\$14,450.00
#2-29	Abandon Existing Water Main Under Roadway	144	4000	LF	\$18.37	\$73,480.00	\$17	\$68,000.00	\$15.25	\$61,000.00	\$10	\$40,000.00	\$10	\$40,000.00	\$18	\$72,000.00
#2-30	Sta. 0+36 Connect New Water Main to Existing Water Main	145	1	EA	\$5,403.78	\$5,403.78	\$3,500.00	\$3,500.00	\$2,300.00	\$2,300.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00
#2-31	12-Inch x 12-Inch Tapping Sleeve, 12-Inch Tapping Valve with Box	146	2	EA	\$8,754.13	\$17,508.26	\$8,650.00	\$17,300.00	\$6,900.00	\$13,800.00	\$10,000.00	\$20,000.00	\$10,000.00	\$20,000.00	\$7,500.00	\$15,000.00
#2-32	8-Inch x 8-Inch Tapping Sleeve, 8-Inch Tapping Valve with Box	147	7	EA	\$5,619.93	\$39,339.51	\$5,850.00	\$40,950.00	\$4,400.00	\$30,800.00	\$5,500.00	\$38,500.00	\$5,500.00	\$38,500.00	\$5,000.00	\$35,000.00
#2-33	6-Inch x 6-Inch Tapping Sleeve, 6-Inch Tapping Valve with Box	148	3	EA	\$3,350.34	\$10,051.02	\$4,800.00	\$14,400.00	\$3,940.00	\$11,820.00	\$5,300.00	\$15,900.00	\$5,300.00	\$15,900.00	\$4,000.00	\$12,000.00
#2-34	Anchor Collar for 8-Inch Water Main	149	4	EA	\$3,242.27	\$12,969.08	\$1,600.00	\$6,400.00	\$2,500.00	\$10,000.00	\$1,500.00	\$6,000.00	\$1,500.00	\$6,000.00	\$1,500.00	\$6,000.00
#2-35	Anchor Collar for 12-Inch Water Main	150	1	EA	\$4,647.25	\$4,647.25	\$2,600.00	\$2,600.00	\$3,590.00	\$3,590.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00	\$2,000.00	\$2,000.00
#2-36	6-Inch- Double Cut and Cap Existing Water Main	151	3	EA	\$2,053.44	\$6,160.32	\$1,500.00	\$4,500.00	\$1,825.00	\$5,475.00	\$2,000.00	\$6,000.00	\$2,000.00	\$6,000.00	\$1,349.00	\$4,047.00
#2-37	8-Inch- Double Cut and Cap Existing Water Main	152	8	EA	\$2,485.74	\$19,885.92	\$2,000.00	\$16,000.00	\$1,940.00	\$15,520.00	\$3,000.00	\$24,000.00	\$3,000.00	\$24,000.00	\$1,449.00	\$11,592.00
#2-38	12-Inch- Double Cut and Cap Existing Water Main	153	2	EA	\$3,782.65	\$7,565.30	\$2,700.00	\$5,400.00	\$2,980.00	\$5,960.00	\$4,000.00	\$8,000.00	\$4,000.00	\$8,000.00	\$1,749.00	\$3,498.00
#2-39	Full Depth Class 7 Aggregate Base Course Backfill (Water)	154	4200	LF	\$25.94	\$108,948.00	\$16.70	\$70,140.00	\$21	\$88,200.00	\$25	\$105,000.00	\$25	\$105,000.00	\$10	\$42,000.00
#2-40	Pavement Repair (Water)	155	580	LF	\$87.42	\$50,703.60	\$38	\$22,040.00	\$53	\$30,740.00	\$80	\$46,400.00	\$80	\$46,400.00	\$75	\$43,500.00
#2-41	Disinfection and Testing Water Main	156	1	LS	\$16,211.35	\$16,211.35	\$2,500.00	\$2,500.00	\$7,200.00	\$7,200.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$5,500.00	\$5,500.00
#2-42	Rock Removal - Water	157	200	CY	\$162.11	\$32,422.00	\$25	\$5,000.00	\$126	\$25,200.00	\$200	\$40,000.00	\$200	\$40,000.00	\$150	\$30,000.00
#3-1	Act 291, 1993 Trench & Excavation Safety Systems - Sewer	158	1	LS	\$75,652.95	\$75,652.95	\$14,000.00	\$14,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$500	\$500
#3-2	Mobilization - Sewer	159	1	LS	\$108,075.64	\$108,075.64	\$50,000.00	\$50,000.00	\$85,000.00	\$85,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$60,025.25	\$60,025.25
#3-3	Traffic Control - Sewer	160	1	LS	\$58,360.85	\$58,360.85	\$6,000.00	\$6,000.00	\$60,000.00	\$60,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$2,500.00	\$2,500.00
#3-4	15-Inch PVC SDR-26 Gravity Sewer Main	161	2430	LF	\$51.88	\$126,068.40	\$25	\$60,750.00	\$45	\$109,350.00	\$60	\$145,800.00	\$60	\$145,800.00	\$65	\$157,950.00
#3-5	15-Inch PVC SDR-26 Restrainted Joint Sewer Main	162	435	LF	\$97.27	\$42,312.45	\$105	\$45,675.00	\$75	\$32,625.00	\$110	\$47,850.00	\$110	\$47,850.00	\$110	\$47,850.00
#3-6	8-Inch PVC SDR-26 Sewer Main	163	1000	LF	\$20.53	\$20,530.00	\$13.30	\$13,300.00	\$18	\$18,000.00	\$55	\$55,000.00	\$55	\$55,000.00	\$55	\$55,000.00
#3-7	6-Inch PVC SDR-26 Sewer Main	164	220	LF	\$23.78	\$5,231.60	\$10.60	\$2,332.00	\$19	\$4,180.00	\$50	\$11,000.00	\$50	\$11,000.00	\$50	\$11,000.00
#3-8	4-Inch PVC C-900 DR-18 Sewer Main	165	20	LF	\$12.97	\$259.40	\$10	\$200	\$11	\$220	\$40	\$800	\$40	\$800	\$40	\$800
#3-9	16-Inch D.I., Epoxy Lined w/ Polywrap, Sewer Main	166	670	LF	\$156.71	\$104,995.70	\$114	\$76,380.00	\$123	\$82,410.00	\$150	\$100,500.00	\$150	\$100,500.00	\$140	\$99,800.00
#3-10	8-Inch D.I., Epoxy Lined w/ Polywrap Sewer Main	167	265	LF	\$84.30	\$22,339.50	\$58	\$15,370.00	\$66	\$17,490.00	\$100	\$26,500.00	\$100	\$26,500.00	\$85	\$22,525.00
#3-11	30-Inch Steel Encasement by Bore	168	225	LF	\$1,350.95	\$303,963.75	\$935	\$210,375.00	\$1,059.00	\$238,275.00	\$600	\$135,000.00	\$600	\$135,000.00	\$125	\$28,125.00
#3-12	30-Inch Steel Encasement by Direct Bury	169	210	LF	\$378.26	\$79,434.60	\$102	\$21,420.00	\$296	\$62,160.00	\$300	\$63,000.00	\$300	\$63,000.00	\$300	\$63,000.00
#3-13	Sewer Main Trenching & Backfill, 0-6 Feet Deep	170	430	LF	\$37.83	\$16,266.90	\$30.10	\$12,943.00	\$31	\$13,330.00	\$15	\$6,450.00	\$15	\$6,450.00	\$10	\$4,300.00
#3-14	Sewer Main Trenching & Backfill, 6-10 Feet Deep	171	2465	LF	\$43.23	\$106,561.95	\$38.50	\$94,902.50	\$35	\$86,275.00	\$20	\$49,300.00	\$20	\$49,300.00	\$12	\$29,580.00
#3-15	Sewer Main Trenching & Backfill, 10-14 Feet Deep	172	1365	LF	\$73.49	\$100,313.85	\$53.20	\$72,618.00	\$59	\$80,535.00	\$30	\$40,950.00	\$30	\$40,950.00	\$15	\$20,475.00
#3-16	Sewer Main Trenching & Backfill, 14-18 Feet Deep	173	350	LF	\$102.67	\$35,934.50	\$110	\$38,500.00	\$82	\$28,700.00	\$50	\$17,500.00	\$50	\$17,500.00	\$19	\$6,650.00
#3-17	Sewer Main Trenching & Backfill, >18 Feet Deep	174	430	LF	\$153.47	\$65,992.10	\$150	\$64,500.00	\$122	\$52,460.00	\$75	\$32,250.00	\$75	\$32,250.00	\$22	\$9,460.00
#3-18	4' Diameter Manhole, 0-6 Feet Deep	175	16	EA	\$5,403.78	\$86,460.48	\$2,000.00	\$32,000.00	\$3,534.00	\$56,544.00	\$5,500.00	\$88,000.00	\$5,500.00	\$88,000.00	\$3,900.00	\$62,400.00
#3-19	4' Diameter Drop Manhole, 0-6 Feet Deep	176	1	EA	\$7,187.03	\$7,187.03	\$2,700.00	\$2,700.00	\$4,678.00	\$4,678.00	\$6,800.00	\$6,800.00	\$6,800.00	\$6,800.00	\$4,300.00	\$4,300.00
#3-20	4' Diameter Manhole, Extra Depth Over 6 Feet Deep	177	31	VF	\$335.03	\$10,385.93	\$145	\$4,495.00	\$270	\$8,370.00	\$300	\$9,300.00	\$300	\$9,300.00	\$350	\$10,850.00
#3-21	5' Diameter Manhole, 0-10 Feet Deep	178	12	EA	\$9,456.62	\$113,479.44	\$3,600.00	\$43,200.00	\$6,074.00	\$72,888.00	\$7,500.00	\$90,000.00	\$7,500.00	\$90,000.00	\$6,900.00	\$82,800.00
#3-22	5' Diameter Drop Manhole, 0-10 Feet Deep	179	1	EA	\$10,942.66	\$10,942.66	\$4,350.00	\$4,350.00	\$7,242.00	\$7,242.00	\$8,800.00	\$8,800.00	\$8,800.00	\$8,800.00	\$7,200.00	\$7,200.00
#3-23	5' Diameter Manhole, Extra Depth Over 10 Feet Deep	180	46	VF	\$399.88	\$18,394.48	\$200	\$9,200.00	\$319	\$14,674.00	\$425	\$19,550.00	\$425	\$19,550.00	\$490	\$22,540.00
#3-24	4' Diameter Manhole Epoxy Coating	181	133	VF	\$259.38	\$34,497.54	\$330	\$43,890.00	\$213	\$28,329.00	\$375	\$49,875.00	\$375	\$49,875.00	\$300	\$39,900.00
#3-25	5' Diameter Manhole Epoxy Coating	182	166	VF	\$291.80	\$48,438.80	\$420	\$69,720.00	\$225	\$37,350.00	\$450	\$74,700.00	\$450	\$74,700.00	\$350	\$58,100.00
#3-26	Abandon Existing Sewer Main Under Roadway	183	3200	LF	\$15.13	\$48,416.00	\$22	\$70,400.00	\$12	\$38,400.00	\$13	\$41,600.00	\$13	\$41,600.00	\$15	\$48,000.00
#3-27	Abandon Manhole	184	18	EA	\$1,513.06	\$27,235.08	\$900	\$16,200.00	\$1,257.00	\$22,626.00	\$1,000.00	\$18,000.00	\$1,000.00	\$18,000.00	\$750	\$13,500.00
#3-28	Low Pressure testing Sewer Main	185	1	LS	\$16,211.35	\$16,211.35	\$3,600.00	\$3,600.00	\$7,648.00	\$7,648.00	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00	\$5,500.00	\$5,500.00
#3-29	Vacuum Testing Sewer Manhole	186	1	LS	\$8,646.05	\$8,646.05	\$3,600.00	\$3,600.00	\$4,233.00	\$4,233.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$4,500.00	\$4,500.00
#3-30	Cast Iron MAHole Ring and Lid	187	30	EA	\$464.73	\$13,941.90	\$400	\$12,000.00	\$378	\$11,340.00	\$350	\$10,500.00	\$350	\$10,500.00	\$250	\$7,500.00
#3-31	Concrete Dams	188	3	EA	\$1,080.76	\$3,242.28	\$900	\$2,700.00	\$809	\$2,427.00	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00	\$100	\$300
#3-32	Flowable Fill	189	10	CY	\$162.11	\$1,621.10	\$150	\$1,500.00	\$142	\$1,420.00	\$125	\$1,250.00	\$125	\$1,250.00	\$10	\$100
#3-33	Force Main Tracer Wire Access Port	190	2	EA	\$302.61	\$605.22	\$150	\$300	\$241	\$482	\$100	\$200	\$100	\$200	\$250	\$500
#3-34	Salvage Force Main Air Release Valve	191	1	EA	\$270.19	\$270.19	\$200	\$200	\$216	\$216	\$800	\$800	\$800	\$800	\$1,250.00	\$1,250.00
#3-35	Full Depth Class 7 Aggregate Base Course Backfill (Sewer)	192	3775	LF	\$71.33	\$269,270.75	\$85	\$320,875.00	\$59	\$222,725.00	\$65	\$245,375.00	\$65	\$245,375.00	\$15	\$56,625.00
#3-36	Post Construction CCTV of Sewer Main	193	4855</													



Scoring Summary

Active Submissions

	Total	Certified Funds	Total Base Bid Price
Supplier	/ 100 pts	Pass/Fail	/ 100 pts
Tri Star Contractors, LLC	100 pts	Pass	100 pts (\$6,820,075.20)
Boyles Construction, Inc.	93.81 pts	Pass	93.81 pts (\$7,269,897.70)
Crossland Heavy Contractors, Inc.	82.28 pts	Pass	82.28 pts (\$8,288,379.72)
Goodwin & Goodwin, Inc.	78.17 pts	Pass	78.17 pts (\$8,724,128.50)
APAC-Central, Inc.	71.23 pts	Pass	71.23 pts (\$9,574,666.03)
Sweetser Construction, Inc.	68.69 pts	Pass	68.69 pts (\$9,929,029.75)