

June 12, 2018



Williamson County Purchasing Department
901 S. Austin Ave
Georgetown, Texas 78626

Attention: Kerstin Hancock
Deputy Purchasing Agent

Re: Williamson County Road Bond Program
Southwest Bypass Segment 2
Williamson County Project No. 1803-219
Recommendation of Contractor Award

Dear Ms. Hancock,

Please find attached the bid tabulations for the referenced project. The bids have been reviewed and the apparent low bid from James Construction was found to be responsive, mathematically correct, and materially balanced. Following is a summary of the bid totals:

1. James Construction	\$8,087,943.77
2. Jordan Foster Construction	\$8,178,210.73
3. Capital Excavation	\$9,012,863.14
4. Aaron Concrete Contractors	\$12,341,836.85

The Contractor's low base bid is \$2,913,232.28 below the Engineer's Estimate, a cost saving of 26.5%. The bidding was competitive with the lowest two bidders being within 1.1% of each other.

In addition to meeting the bid qualifications subject to being low bidder, James Construction has performed similar work on other projects and received positive recommendations from the three references contacted. Based on the references provided by the Contractor we concur with the recommendation of the Design Engineer, HDR, for award of the Southwest Bypass Segment 2 construction contract to James Construction in the amount of \$8,087,943.77.

Please feel free to contact our office with any questions.

Respectfully Submitted,

HNTB Corporation

A handwritten signature in blue ink, appearing to read "James D. Klotz", with a long horizontal flourish extending to the right.

James Klotz, P.E.

VIA E-MAIL

Attachments: Bid Tabulation Analysis, Engineer's Letter of Recommendation, Form 1295

Cc: Judge Gattis, Williamson County Judge
Commissioner Cook, Williamson County, Pct. 1
Commissioner Long, Williamson County, Pct. 2
Commissioner Covey, Williamson County, Pct. 3
Commissioner Madsen, Williamson County Pct. 4
Robert Daigh, Williamson County
Terron Evertson, Williamson County
Mike Weaver, Prime Strategies, Inc.
Richard Ridings, HNTB Corporation

Bid Comparison

Bidder	Bid Amount	Rank	Difference from Engineer's Estimate (\$)	Difference from Engineer's Estimate (%)	Difference from Low Bid (\$)	Difference from Low Bid (%)
James Construction	\$8,087,943.77	1	(\$2,913,232.28)	-26.5%	-	-
Jordan Foster Construction	\$8,178,210.73	2	(\$2,822,965.32)	-25.7%	\$ 90,266.96	1.1%
Capital Excavation	\$9,012,863.14	3	(\$1,988,312.91)	-18.1%	\$ 924,919.37	11.4%
Aaron Concrete Contractors	\$12,341,836.85	4	\$1,340,660.80	12.2%	\$ 4,253,893.08	52.6%

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		James Construction		Jordan Foster Construction	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
1	100-6002	PREPARING ROW	94	STA	\$ 5,000.00	\$ 470,000.00	\$ 3,599.00	\$ 338,306.00	\$ 4,090.00	\$ 384,460.00
2	104-6001	REMOVING CONC (PAV)	5	SY	\$ 150.00	\$ 750.00	\$ 1.00	\$ 5.00	\$ 70.00	\$ 350.00
3	104-6013	REMOVING CONC (FOUNDATIONS)	582	SY	\$ 15.00	\$ 8,730.00	\$ 17.00	\$ 9,894.00	\$ 20.00	\$ 11,640.00
4	105-6011	REMOVING STAB BASE AND ASPH PAV (2"-6")	715	SY	\$ 3.00	\$ 2,145.00	\$ 10.35	\$ 7,400.25	\$ 3.00	\$ 2,145.00
5	110-6001	EXCAVATION (ROADWAY)	171,443	CY	\$ 10.00	\$ 1,714,430.00	\$ 4.88	\$ 836,641.84	\$ 5.75	\$ 985,797.25
6	132-6005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	123,229	CY	\$ 8.00	\$ 985,832.00	\$ 2.71	\$ 333,950.59	\$ 2.90	\$ 357,364.10
7	132-6006	EMBANKMENT (FINAL)(DENS CONT)(TY C)	37,034	CY	\$ 10.00	\$ 370,340.00	\$ 3.89	\$ 144,062.26	\$ 3.60	\$ 133,322.40
8	160-6005	FURNISHING AND PLACING TOPSOIL	4,393	CY	\$ 20.00	\$ 87,860.00	\$ 31.22	\$ 137,149.46	\$ 12.00	\$ 52,716.00
9	161-6017	COMPOST MANUF TOPSOIL (4")	42,306	SY	\$ 2.50	\$ 105,765.00	\$ 0.94	\$ 39,767.64	\$ 3.25	\$ 137,494.50
10	164-6009	BROADCAST SEED (TEMP) (WARM)	21,154	SY	\$ 0.10	\$ 2,115.40	\$ 0.12	\$ 2,538.48	\$ 0.12	\$ 2,538.48
11	164-6011	BROADCAST SEED (TEMP) (COOL)	21,154	SY	\$ 0.10	\$ 2,115.40	\$ 0.12	\$ 2,538.48	\$ 0.12	\$ 2,538.48
12	164-6023	CELL FBR MLCH SEED(PERM) (RURAL)(CLAY)	42,306	SY	\$ 0.40	\$ 16,922.40	\$ 0.22	\$ 9,307.32	\$ 0.22	\$ 9,307.32
13	168-6001	VEGETATIVE WATERING	6,982	MG	\$ 22.00	\$ 153,604.00	\$ 22.87	\$ 159,678.34	\$ 1.00	\$ 6,982.00
14	169-6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	17,219	SY	\$ 1.40	\$ 24,106.60	\$ 1.20	\$ 20,662.80	\$ 1.45	\$ 24,967.55
15	247-6041	FL BS (CMP IN PLC) (TYA GR1&2) (FNAL POS)	9,891	CY	\$ 40.00	\$ 395,640.00	\$ 36.83	\$ 364,285.53	\$ 18.00	\$ 178,038.00
16	310-6027	PRIME COAT(MC-30 OR AE-P)	5,455	GAL	\$ 3.50	\$ 19,092.50	\$ 3.60	\$ 19,638.00	\$ 3.50	\$ 19,092.50
17	340-6242	D-GR HMA(SQ)TY-B OR D PG64-22(LVL-UP)	829	TON	\$ 80.00	\$ 66,320.00	\$ 82.35	\$ 68,268.15	\$ 90.00	\$ 74,610.00
18	341-6008	D-GR HMA TY-B PG64-22	4,703	TON	\$ 70.00	\$ 329,210.00	\$ 59.19	\$ 278,370.57	\$ 65.00	\$ 305,695.00
19	341-6042	D-GR HMA TY-D SAC-B PG70-22	6,451	TON	\$ 90.00	\$ 580,590.00	\$ 79.26	\$ 511,306.26	\$ 87.00	\$ 561,237.00
20	354-6021	PLANE ASPH CONC PAV(0" TO 2")	8,882	SY	\$ 1.30	\$ 11,546.60	\$ 1.50	\$ 13,323.00	\$ 1.90	\$ 16,875.80
21	400-6005	CEM STABIL BKFL	224	CY	\$ 125.00	\$ 28,000.00	\$ 148.48	\$ 33,259.52	\$ 124.00	\$ 27,776.00
22	401-6001	FLOWABLE BACKFILL	167	CY	\$ 140.00	\$ 23,380.00	\$ 123.50	\$ 20,624.50	\$ 125.00	\$ 20,875.00
23	416-6001	DRILL SHAFT (18 IN)	119	LF	\$ 85.00	\$ 10,115.00	\$ 88.32	\$ 10,510.08	\$ 98.00	\$ 11,662.00
24	416-6005	DRILL SHAFT (42 IN)	672	LF	\$ 220.00	\$ 147,840.00	\$ 186.60	\$ 125,395.20	\$ 205.00	\$ 137,760.00
25	416-6029	DRILL SHAFT (RDWY ILL POLE) (30 IN)	32	LF	\$ 205.00	\$ 6,560.00	\$ 257.04	\$ 8,225.28	\$ 265.00	\$ 8,480.00
26	416-6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	52	LF	\$ 290.00	\$ 15,080.00	\$ 309.49	\$ 16,093.48	\$ 325.00	\$ 16,900.00
27	420-6007	CL A CONC (FLUME)	1	CY	\$ 450.00	\$ 450.00	\$ 1,606.78	\$ 1,606.78	\$ 1,000.00	\$ 1,000.00
28	420-6013	CL C CONC (ABUT)	74.1	CY	\$ 900.00	\$ 66,690.00	\$ 666.31	\$ 49,373.57	\$ 820.00	\$ 60,762.00
29	420-6029	CL C CONC (CAP)	135	CY	\$ 900.00	\$ 121,500.00	\$ 795.55	\$ 107,399.25	\$ 775.00	\$ 104,625.00
30	420-6037	CL C CONC (COLUMN)	148.4	CY	\$ 900.00	\$ 133,560.00	\$ 633.95	\$ 94,078.18	\$ 750.00	\$ 111,300.00
31	420-6074	CL C CONC (MISC)	86.4	CY	\$ 740.00	\$ 63,936.00	\$ 664.36	\$ 57,400.70	\$ 775.00	\$ 66,960.00
32	422-6001	REINF CONC SLAB	35,280	SF	\$ 16.00	\$ 564,480.00	\$ 16.39	\$ 578,239.20	\$ 15.95	\$ 562,716.00
33	422-6015	APPROACH SLAB	75.4	CY	\$ 400.00	\$ 30,160.00	\$ 478.05	\$ 36,044.97	\$ 450.00	\$ 33,930.00
34	423-RW05	RETAINING WALL (MSE) (ASHLAR STONE FIN)	2,690	SF	\$ 45.00	\$ 121,050.00	\$ 54.23	\$ 145,878.70	\$ 55.00	\$ 147,950.00
35	423-RW06	RETAINING WALL (MSE) (ASHLAR STONE FIN)	2,416	SF	\$ 55.00	\$ 132,880.00	\$ 51.85	\$ 125,269.60	\$ 47.00	\$ 113,552.00
36	425-6040	PRESTR CONC GIRDER (TX62)	3,587.05	LF	\$ 145.00	\$ 520,122.25	\$ 171.58	\$ 615,466.04	\$ 155.00	\$ 555,992.75
37	431-8001	PNEUMATICALLY PLACED CONC (ROCK FACIA)	625	SY	\$ 37.50	\$ 23,437.50	\$ 82.45	\$ 51,531.25	\$ 185.00	\$ 115,625.00
38	432-6001	RIPRAP (CONC)(4 IN)	82	CY	\$ 450.00	\$ 36,900.00	\$ 350.00	\$ 28,700.00	\$ 450.00	\$ 36,900.00
39	432-6033	RIPRAP (STONE PROTECTION)(18 IN)	184	CY	\$ 140.00	\$ 25,760.00	\$ 60.00	\$ 11,040.00	\$ 48.00	\$ 8,832.00

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		James Construction		Jordan Foster Construction	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
40	432-6045	RIPRAP (MOW STRIP)(4 IN)	33	CY	\$ 500.00	\$ 16,500.00	\$ 687.17	\$ 22,676.61	\$ 550.00	\$ 18,150.00
41	432-8001	RIPRAP (STONE PROTECTION)(8 IN) (TY I)	877	CY	\$ 80.00	\$ 70,160.00	\$ 34.68	\$ 30,414.36	\$ 48.00	\$ 42,096.00
42	432-8002	RIPRAP (STONE PROTECTION)(8 IN) (TY II)	9,178	CY	\$ 70.00	\$ 642,460.00	\$ 25.49	\$ 233,947.22	\$ 32.00	\$ 293,696.00
43	450-6023	RAIL (TY SSTR)	1,782	LF	\$ 55.00	\$ 98,010.00	\$ 45.77	\$ 81,562.14	\$ 65.00	\$ 115,830.00
44	454-6001	SEALED EXPANSION JOINT (4 IN) (SEJ - A)	144	LF	\$ 90.00	\$ 12,960.00	\$ 93.89	\$ 13,520.16	\$ 82.00	\$ 11,808.00
45	464-6005	RC PIPE (CL III)(24 IN)	84	LF	\$ 90.00	\$ 7,560.00	\$ 71.11	\$ 5,973.24	\$ 110.00	\$ 9,240.00
46	464-6007	RC PIPE (CL III)(30 IN)	168	LF	\$ 150.00	\$ 25,200.00	\$ 67.87	\$ 11,402.16	\$ 85.00	\$ 14,280.00
47	464-6008	RC PIPE (CL III)(36 IN)	360	LF	\$ 160.00	\$ 57,600.00	\$ 73.36	\$ 26,409.60	\$ 140.00	\$ 50,400.00
48	464-6018	RC PIPE (CL IV)(24 IN)	310	LF	\$ 110.00	\$ 34,100.00	\$ 74.83	\$ 23,197.30	\$ 83.00	\$ 25,730.00
49	464-6026	RC PIPE (CL V)(24 IN)	264	LF	\$ 180.00	\$ 47,520.00	\$ 84.90	\$ 22,413.60	\$ 105.00	\$ 27,720.00
50	466-6005	HEADWALL (CH - FW - 0) (DIA= 24 IN)	1	EA	\$ 6,000.00	\$ 6,000.00	\$ 2,511.96	\$ 2,511.96	\$ 6,300.00	\$ 6,300.00
51	466-6130	HEADWALL (CH - PW - S) (DIA= 24 IN)	1	EA	\$ 8,000.00	\$ 8,000.00	\$ 2,036.00	\$ 2,036.00	\$ 6,300.00	\$ 6,300.00
52	467-6001	SET (PIPE RUNNER ASSEMBLY)	1	EA	\$ 5,000.00	\$ 5,000.00	\$ 1,339.84	\$ 1,339.84	\$ 1,300.00	\$ 1,300.00
53	467-6388	SET (TY II) (24 IN) (RCP) (3: 1) (C)	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 912.40	\$ 912.40	\$ 1,300.00	\$ 1,300.00
54	467-6390	SET (TY II) (24 IN) (RCP) (4: 1) (C)	1	EA	\$ 1,700.00	\$ 1,700.00	\$ 1,012.09	\$ 1,012.09	\$ 1,400.00	\$ 1,400.00
55	467-6394	SET (TY II) (24 IN) (RCP) (6: 1) (C)	2	EA	\$ 2,200.00	\$ 4,400.00	\$ 1,080.00	\$ 2,160.00	\$ 1,450.00	\$ 2,900.00
56	467-6419	SET (TY II) (30 IN) (RCP) (4: 1) (C)	2	EA	\$ 2,700.00	\$ 5,400.00	\$ 1,728.98	\$ 3,457.96	\$ 1,600.00	\$ 3,200.00
57	467-6422	SET (TY II) (30 IN) (RCP) (6: 1) (C)	2	EA	\$ 3,200.00	\$ 6,400.00	\$ 2,259.98	\$ 4,519.96	\$ 2,000.00	\$ 4,000.00
58	467-6448	SET (TY II) (36 IN) (RCP) (3: 1) (C)	3	EA	\$ 3,200.00	\$ 9,600.00	\$ 3,359.08	\$ 10,077.24	\$ 2,600.00	\$ 7,800.00
59	467-6453	SET (TY II) (36 IN) (RCP) (6: 1) (C)	3	EA	\$ 4,200.00	\$ 12,600.00	\$ 3,359.08	\$ 10,077.24	\$ 2,900.00	\$ 8,700.00
60	496-6039	REMOV STR (BUILDING)	2	EA	\$ 20,000.00	\$ 40,000.00	\$ 6,557.11	\$ 13,114.22	\$ 15,000.00	\$ 30,000.00
61	496-6043	REMOV STR (SMALL FENCE)	1,566	LF	\$ 4.00	\$ 6,264.00	\$ 2.40	\$ 3,758.40	\$ 7.00	\$ 10,962.00
62	500-6001	MOBILIZATION	1	LS	\$ 984,000.00	\$ 984,000.00	\$ 800,000.00	\$ 800,000.00	\$ 700,000.00	\$ 700,000.00
63	502-6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	14	MO	\$ 7,000.00	\$ 98,000.00	\$ 3,780.00	\$ 52,920.00	\$ 1,500.00	\$ 21,000.00
64	506-6002	ROCK FILTER DAMS (INSTALL) (TY 2)	200	LF	\$ 24.00	\$ 4,800.00	\$ 19.50	\$ 3,900.00	\$ 20.00	\$ 4,000.00
65	506-6011	ROCK FILTER DAMS (REMOVE)	387	LF	\$ 7.00	\$ 2,709.00	\$ 6.00	\$ 2,322.00	\$ 6.00	\$ 2,322.00
66	506-6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	160	SY	\$ 17.00	\$ 2,720.00	\$ 13.50	\$ 2,160.00	\$ 14.00	\$ 2,240.00
67	506-6024	CONSTRUCTION EXITS (REMOVE)	160	SY	\$ 7.00	\$ 1,120.00	\$ 6.00	\$ 960.00	\$ 6.00	\$ 960.00
68	506-6038	TEMP SEDMT CONT FENCE (INSTALL)	5,297	LF	\$ 2.50	\$ 13,242.50	\$ 2.05	\$ 10,858.85	\$ 2.10	\$ 11,123.70
69	506-6039	TEMP SEDMT CONT FENCE (REMOVE)	8,539	LF	\$ 0.50	\$ 4,269.50	\$ 0.10	\$ 853.90	\$ 0.10	\$ 853.90
70	506-8002	REMOVE ROCK	7,383	SY	\$ 4.00	\$ 29,532.00	\$ 1.00	\$ 7,383.00	\$ 1.85	\$ 13,658.55
71	512-6005	PORT CTB (FUR & INST)(F-SHAPE)(TY 1)	1,440	LF	\$ 18.00	\$ 25,920.00	\$ 8.32	\$ 11,980.80	\$ 65.00	\$ 93,600.00
72	529-6007	CONC CURB & GUTTER (TY I)	4,940	LF	\$ 22.00	\$ 108,680.00	\$ 17.50	\$ 86,450.00	\$ 14.00	\$ 69,160.00
73	529-6008	CONC CURB & GUTTER (TY II)	429	LF	\$ 25.00	\$ 10,725.00	\$ 17.25	\$ 7,400.25	\$ 24.00	\$ 10,296.00
74	531-6017	CURB RAMPS (TY 22)	4	EA	\$ 3,000.00	\$ 12,000.00	\$ 2,500.00	\$ 10,000.00	\$ 2,300.00	\$ 9,200.00
75	540-6001	MTL W-BEAM GD FEN (TIM POST)	237.5	LF	\$ 21.00	\$ 4,987.50	\$ 21.90	\$ 5,201.25	\$ 21.00	\$ 4,987.50
76	540-6006	MTL BEAM GD FEN TRANS (THRIE-BEAM)	4	EA	\$ 1,500.00	\$ 6,000.00	\$ 1,500.00	\$ 6,000.00	\$ 1,300.00	\$ 5,200.00
77	540-6016	DOWNSTREAM ANCHOR TERMINAL SECTION	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 890.00	\$ 890.00	\$ 1,000.00	\$ 1,000.00
78	544-6001	GUARDRAIL END TREATMENT (INSTALL)	3	EA	\$ 2,500.00	\$ 7,500.00	\$ 2,296.00	\$ 6,888.00	\$ 2,600.00	\$ 7,800.00

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		James Construction		Jordan Foster Construction	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
79	550-6001	CHAIN LINK FENCE (INSTALL) (6')	116	LF	\$ 25.00	\$ 2,900.00	\$ 50.00	\$ 5,800.00	\$ 30.00	\$ 3,480.00
80	550-6006	GATE (REMOVE)	2	EA	\$ 400.00	\$ 800.00	\$ 343.66	\$ 687.32	\$ 275.00	\$ 550.00
81	552-8001	WIRE FENCE	15,416	LF	\$ 9.00	\$ 138,744.00	\$ 8.00	\$ 123,328.00	\$ 13.00	\$ 200,408.00
82	552-8002	GALVANIZED TUBE GATE	5	EA	\$ 2,200.00	\$ 11,000.00	\$ 1,500.00	\$ 7,500.00	\$ 1,100.00	\$ 5,500.00
83	556-6006	PIPE UNDERDRAINS (TY 6) (6")	215	LF	\$ 18.00	\$ 3,870.00	\$ 45.30	\$ 9,739.50	\$ 22.00	\$ 4,730.00
84	610-6105	IN RD IL (U/P) (TY 1) (250W EQ) LED	8	EA	\$ 1,420.00	\$ 11,360.00	\$ 2,596.61	\$ 20,772.88	\$ 2,600.00	\$ 20,800.00
85	610-6290	IN RD IL (TY SA) 50T-12 (400W EQ) LED	2	EA	\$ 4,200.00	\$ 8,400.00	\$ 4,773.56	\$ 9,547.12	\$ 5,200.00	\$ 10,400.00
86	610-6291	IN RD IL (TY SA) 50T-12-12(400W EQ)LED	2	EA	\$ 5,200.00	\$ 10,400.00	\$ 5,455.50	\$ 10,911.00	\$ 5,500.00	\$ 11,000.00
87	618-6023	CONDT (PVC) (SCH 40) (2")	9,808	LF	\$ 10.00	\$ 98,080.00	\$ 11.54	\$ 113,184.32	\$ 11.50	\$ 112,792.00
88	618-6024	CONDT (PVC) (SCH 40) (2") (BORE)	778	LF	\$ 25.00	\$ 19,450.00	\$ 27.02	\$ 21,021.56	\$ 28.00	\$ 21,784.00
89	618-6025	CONDT (PVC) (SCH 40) (2") (CONC ENCSE)	398	LF	\$ 22.00	\$ 8,756.00	\$ 24.92	\$ 9,918.16	\$ 26.00	\$ 10,348.00
90	618-6046	CONDT (PVC) (SCH 80) (2")	400	LF	\$ 14.00	\$ 5,600.00	\$ 12.59	\$ 5,036.00	\$ 13.00	\$ 5,200.00
91	618-6047	CONDT (PVC) (SCH 80) (2") (BORE)	335	LF	\$ 26.00	\$ 8,710.00	\$ 28.85	\$ 9,664.75	\$ 30.00	\$ 10,050.00
92	618-6053	CONDT (PVC) (SCH 80) (3")	130	LF	\$ 17.00	\$ 2,210.00	\$ 15.74	\$ 2,046.20	\$ 15.00	\$ 1,950.00
93	618-6054	CONDT (PVC) (SCH 80) (3") (BORE)	740	LF	\$ 27.00	\$ 19,980.00	\$ 32.52	\$ 24,064.80	\$ 34.00	\$ 25,160.00
94	618-6066	CONDT (RM) (1 1/4")	161	LF	\$ 26.00	\$ 4,186.00	\$ 50.62	\$ 8,149.82	\$ 52.00	\$ 8,372.00
95	620-6007	ELEC CONDR (NO.8) BARE	2,964	LF	\$ 1.10	\$ 3,260.40	\$ 1.10	\$ 3,260.40	\$ 1.10	\$ 3,260.40
96	620-6008	ELEC CONDR (NO.8) INSULATED	5,048	LF	\$ 1.40	\$ 7,067.20	\$ 1.31	\$ 6,612.88	\$ 1.35	\$ 6,814.80
97	621-6002	TRAY CABLE (3 CONDR) (12 AWG)	860	LF	\$ 1.70	\$ 1,462.00	\$ 3.15	\$ 2,709.00	\$ 3.25	\$ 2,795.00
98	624-6002	GROUND BOX TY A (122311) W/APRON	12	EA	\$ 1,500.00	\$ 18,000.00	\$ 891.76	\$ 10,701.12	\$ 925.00	\$ 11,100.00
99	624-6010	GROUND BOX TY D (162922)W/APRON	5	EA	\$ 1,200.00	\$ 6,000.00	\$ 996.68	\$ 4,983.40	\$ 1,000.00	\$ 5,000.00
100	628-6044	ELC SRV TY A 240/480 060(NS)SS(E)PS(U)	2	EA	\$ 5,800.00	\$ 11,600.00	\$ 5,980.06	\$ 11,960.12	\$ 6,200.00	\$ 12,400.00
101	628-6164	ELC SRV TY D 120/240 070(NS)AL(E)PS(U)	1	EA	\$ 4,000.00	\$ 4,000.00	\$ 5,770.23	\$ 5,770.23	\$ 6,200.00	\$ 6,200.00
102	644-6001	IN SM RD SN SUP&AM TY10BWG(1) SA(P)	16	EA	\$ 450.00	\$ 7,200.00	\$ 320.00	\$ 5,120.00	\$ 450.00	\$ 7,200.00
103	644-6004	IN SM RD SN SUP&AM TY10BWG(1) SA(T)	20	EA	\$ 525.00	\$ 10,500.00	\$ 425.00	\$ 8,500.00	\$ 550.00	\$ 11,000.00
104	644-6012	IN SM RD SN SUP&AM TY10BWG(1)SB(T)	1	EA	\$ 700.00	\$ 700.00	\$ 425.00	\$ 425.00	\$ 610.00	\$ 610.00
105	644-6030	IN SM RD SN SUP&AM TYS80(1)SA(T)	10	EA	\$ 625.00	\$ 6,250.00	\$ 520.00	\$ 5,200.00	\$ 800.00	\$ 8,000.00
106	644-6066	IN SM RD SN SUP&AM (RAIL MOUNT)	5	EA	\$ 2,500.00	\$ 12,500.00	\$ 2,738.46	\$ 13,692.30	\$ 3,000.00	\$ 15,000.00
107	644-6076	REMOVE SM RD SN SUP&AM	10	EA	\$ 85.00	\$ 850.00	\$ 65.00	\$ 650.00	\$ 70.00	\$ 700.00
108	658-6004	INSTL DEL ASSM (D-SW)SZ 1(FLX)SRF	37	EA	\$ 85.00	\$ 3,145.00	\$ 48.74	\$ 1,803.38	\$ 52.00	\$ 1,924.00
109	658-6005	INSTL DEL ASSM (D-SW)SZ 1(FLX)SRF(BI)	31	EA	\$ 60.00	\$ 1,860.00	\$ 49.82	\$ 1,544.42	\$ 53.00	\$ 1,643.00
110	658-6014	INSTL DEL ASSM (D-SW)SZ (BR)CTB (BI)	112	EA	\$ 22.00	\$ 2,464.00	\$ 9.75	\$ 1,092.00	\$ 10.50	\$ 1,176.00
111	658-6047	INSTL OM ASSM (OM-2Y)(WC)GND	7	EA	\$ 50.00	\$ 350.00	\$ 13.49	\$ 94.43	\$ 15.00	\$ 105.00
112	658-6061	INSTL DEL ASSM (D-SW)SZ 1(BRF)GF2	29	EA	\$ 20.00	\$ 580.00	\$ 40.99	\$ 1,188.71	\$ 42.00	\$ 1,218.00
113	666-6006	REFL PAV MRK TY I (W)4"(DOT) (100MIL)	56	LF	\$ 0.90	\$ 50.40	\$ 0.84	\$ 47.04	\$ 0.65	\$ 36.40
114	666-6036	REFL PAV MRK TY I (W)8"(SLD) (100MIL)	4,176	LF	\$ 0.80	\$ 3,340.80	\$ 0.63	\$ 2,630.88	\$ 1.30	\$ 5,428.80
115	666-6048	REFL PAV MRK TY I (W)24"(SLD) (100MIL)	202	LF	\$ 6.00	\$ 1,212.00	\$ 5.26	\$ 1,062.52	\$ 4.50	\$ 909.00
116	666-6054	REFL PAV MRK TY I (W)(ARROW) (100MIL)	28	EA	\$ 115.00	\$ 3,220.00	\$ 105.23	\$ 2,946.44	\$ 87.00	\$ 2,436.00
117	666-6078	REFL PAV MRK TY I (W)(WORD) (100MIL)	28	EA	\$ 150.00	\$ 4,200.00	\$ 126.27	\$ 3,535.56	\$ 118.00	\$ 3,304.00

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		James Construction		Jordan Foster Construction	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
118	666-6102	REF PAV MRK TY I(W)36"(YLD TRI)(100MIL)	20	EA	\$ 34.00	\$ 680.00	\$ 42.09	\$ 841.80	\$ 50.00	\$ 1,000.00
119	666-6147	REFL PAV MRK TY I (Y) 24"(SLD) (100MIL)	164	LF	\$ 8.00	\$ 1,312.00	\$ 5.26	\$ 862.64	\$ 4.50	\$ 738.00
120	666-6168	REFL PAV MRK TY II (W) 4" (DOT)	56	LF	\$ 0.60	\$ 33.60	\$ 0.68	\$ 38.08	\$ 0.45	\$ 25.20
121	666-6170	REFL PAV MRK TY II (W) 4" (SLD)	4,130	LF	\$ 0.10	\$ 413.00	\$ 0.47	\$ 1,941.10	\$ 0.40	\$ 1,652.00
122	666-6178	REFL PAV MRK TY II (W) 8" (SLD)	422	LF	\$ 0.30	\$ 126.60	\$ 0.84	\$ 354.48	\$ 0.80	\$ 337.60
123	666-6184	REFL PAV MRK TY II (W) (ARROW)	1	EA	\$ 60.00	\$ 60.00	\$ 42.09	\$ 42.09	\$ 52.00	\$ 52.00
124	666-6192	REFL PAV MRK TY II (W) (WORD)	1	EA	\$ 75.00	\$ 75.00	\$ 47.35	\$ 47.35	\$ 75.00	\$ 75.00
125	666-6207	REFL PAV MRK TY II (Y) 4" (SLD)	936	LF	\$ 0.10	\$ 93.60	\$ 0.53	\$ 496.08	\$ 0.40	\$ 374.40
126	666-6214	REFL PAV MRK TY II (Y) 24" (SLD)	89	LF	\$ 3.00	\$ 267.00	\$ 3.16	\$ 281.24	\$ 4.30	\$ 382.70
127	666-6282	REF PROF PAV MRK TY I(W)4"(SLD)(060MIL)	15,518	LF	\$ 0.40	\$ 6,207.20	\$ 0.74	\$ 11,483.32	\$ 0.75	\$ 11,638.50
128	666-6287	REF PROF PAV MRK TY I(Y)4"(SLD)(090MIL)	16,301	LF	\$ 0.50	\$ 8,150.50	\$ 0.79	\$ 12,877.79	\$ 0.75	\$ 12,225.75
129	666-6303	RE PM W/RET REQ TY I (W)4"(SLD) (100MIL)	4,749	LF	\$ 0.30	\$ 1,424.70	\$ 0.38	\$ 1,804.62	\$ 0.85	\$ 4,036.65
130	666-6315	RE PM W/RET REQ TY I (Y)4"(SLD) (100MIL)	5,457	LF	\$ 0.30	\$ 1,637.10	\$ 0.38	\$ 2,073.66	\$ 0.85	\$ 4,638.45
131	672-6007	REFL PAV MRKR TY I-C	564	EA	\$ 3.30	\$ 1,861.20	\$ 3.16	\$ 1,782.24	\$ 3.10	\$ 1,748.40
132	672-6009	REFL PAV MRKR TY II-A-A	582	EA	\$ 3.30	\$ 1,920.60	\$ 3.16	\$ 1,839.12	\$ 3.10	\$ 1,804.20
133	672-6010	REFL PAV MRKR TY II-C-R	95	EA	\$ 3.30	\$ 313.50	\$ 3.16	\$ 300.20	\$ 3.10	\$ 294.50
134	677-6001	ELIM EXT PAV MRK & MRKS (4")	1,745	LF	\$ 0.80	\$ 1,396.00	\$ 1.05	\$ 1,832.25	\$ 0.85	\$ 1,483.25
135	677-6007	ELIM EXT PAV MRK & MRKS (24")	199	LF	\$ 5.50	\$ 1,094.50	\$ 5.26	\$ 1,046.74	\$ 3.50	\$ 696.50
135a	677-6008	ELIM EXT PAV MRK & MRKS (ARROW)	1	EA	\$ 110.00	\$ 110.00	\$ 105.23	\$ 105.23	\$ 29.00	\$ 29.00
135b	677-6012	ELIM EXT PAV MRK & MRKS (WORDS)	1	EA	\$ 120.00	\$ 120.00	\$ 105.23	\$ 105.23	\$ 29.00	\$ 29.00
136	680-6002	INSTALL HWY TRF SIG (ISOLATED)	1	EA	\$ 7,000.00	\$ 7,000.00	\$ 7,186.56	\$ 7,186.56	\$ 7,400.00	\$ 7,400.00
137	685-6004	INSTL RDS D FLSH BCN ASSM (SOLAR PWRD)	4	EA	\$ 7,000.00	\$ 28,000.00	\$ 7,081.65	\$ 28,326.60	\$ 7,200.00	\$ 28,800.00
138	686-6040	INS TRF SIG PL AM(S)1 ARM(36')LUM&ILSN	1	EA	\$ 6,000.00	\$ 6,000.00	\$ 9,861.85	\$ 9,861.85	\$ 10,000.00	\$ 10,000.00
139	686-6044	INS TRF SIG PL AM(S)1 ARM(40')LUM&ILSN	1	EA	\$ 7,000.00	\$ 7,000.00	\$ 10,333.96	\$ 10,333.96	\$ 10,800.00	\$ 10,800.00
140	686-6048	INS TRF SIG PL AM(S)1 ARM(44')LUM&ILSN	2	EA	\$ 7,000.00	\$ 14,000.00	\$ 10,465.11	\$ 20,930.22	\$ 11,000.00	\$ 22,000.00
141	740-6005	ANTI - GRAFFITI COATNG (PERMNET-TY III)	2,690	SF	\$ 1.10	\$ 2,959.00	\$ 3.00	\$ 8,070.00	\$ 1.65	\$ 4,438.50
142	6090-6002	ILSN (LED) (8 D)	4	EA	\$ 3,000.00	\$ 12,000.00	\$ 3,435.91	\$ 13,743.64	\$ 3,500.00	\$ 14,000.00
143	S2-BD	BOULDER DELINEATION	8,051	LF	\$ 4.00	\$ 32,204.00	\$ 4.56	\$ 36,712.56	\$ 3.45	\$ 27,775.95
144	S2-GA	GATE ATTENDANT	5,600	HR	\$ 20.00	\$ 112,000.00	\$ 22.67	\$ 126,952.00	\$ 22.00	\$ 123,200.00
145	S2-RC	ROCK CUT	56,312	SF	\$ 4.50	\$ 253,404.00	\$ 3.07	\$ 172,877.84	\$ 1.50	\$ 84,468.00

NON-BID ITEMS TO BE INCLUDED IN BID AND CONTRACT AMOUNT

146	999-WC01	FORCE ACCOUNT	100,000	DOL	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00
147	341-WC01	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY (TY B)	30,000	DOL	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00
148	341-WC02	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY (TY D SURFACE)	40,000	DOL	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00
149	585-WC01	FORCE ACCOUNT - ESTIMATED RIDE QUALITY BONUS/PENALTY	10,000	DOL	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		James Construction		Jordan Foster Construction	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
		TOTAL COST ADJUSTED FOR CORRECTNESS			\$ 11,001,176.05		\$ 8,087,943.77		\$ 8,178,210.73	
		ACTUAL BID PROPOSAL			\$11,001,176.05		\$8,087,943.77		\$8,178,210.73	
		ADJUSTMENT DIFFERENCE			\$0.00		\$0.00		\$0.00	
		Bid Bond					Y		Y	
		Bid Affidavit					Y		Y	
		Conflict of Interest Questionnaire					Y		Y	
		Bidder References (Minimum of Three)					Y		Y	

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Capital Excavation		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
1	100-6002	PREPARING ROW	94	STA	\$ 2,000.00	\$ 188,000.00	\$ 1,100.00	\$ 103,400.00
2	104-6001	REMOVING CONC (PAV)	5	SY	\$ 30.00	\$ 150.00	\$ 220.00	\$ 1,100.00
3	104-6013	REMOVING CONC (FOUNDATIONS)	582	SY	\$ 15.00	\$ 8,730.00	\$ 33.00	\$ 19,206.00
4	105-6011	REMOVING STAB BASE AND ASPH PAV (2"-6")	715	SY	\$ 7.00	\$ 5,005.00	\$ 23.00	\$ 16,445.00
5	110-6001	EXCAVATION (ROADWAY)	171,443	CY	\$ 7.00	\$ 1,200,101.00	\$ 9.00	\$ 1,542,987.00
6	132-6005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	123,229	CY	\$ 2.10	\$ 258,780.90	\$ 5.00	\$ 616,145.00
7	132-6006	EMBANKMENT (FINAL)(DENS CONT)(TY C)	37,034	CY	\$ 22.00	\$ 814,748.00	\$ 14.00	\$ 518,476.00
8	160-6005	FURNISHING AND PLACING TOPSOIL	4,393	CY	\$ 10.00	\$ 43,930.00	\$ 20.00	\$ 87,860.00
9	161-6017	COMPOST MANUF TOPSOIL (4")	42,306	SY	\$ 1.00	\$ 42,306.00	\$ 2.50	\$ 105,765.00
10	164-6009	BROADCAST SEED (TEMP) (WARM)	21,154	SY	\$ 0.12	\$ 2,538.48	\$ 0.20	\$ 4,230.80
11	164-6011	BROADCAST SEED (TEMP) (COOL)	21,154	SY	\$ 0.12	\$ 2,538.48	\$ 0.20	\$ 4,230.80
12	164-6023	CELL FBR MLCH SEED(PERM) (RURAL)(CLAY)	42,306	SY	\$ 0.22	\$ 9,307.32	\$ 0.30	\$ 12,691.80
13	168-6001	VEGETATIVE WATERING	6,982	MG	\$ 10.00	\$ 69,820.00	\$ 35.00	\$ 244,370.00
14	169-6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	17,219	SY	\$ 1.23	\$ 21,179.37	\$ 1.40	\$ 24,106.60
15	247-6041	FL BS (CMP IN PLC) (TYA GR1&2) (FNAL POS)	9,891	CY	\$ 30.00	\$ 296,730.00	\$ 63.00	\$ 623,133.00
16	310-6027	PRIME COAT(MC-30 OR AE-P)	5,455	GAL	\$ 3.80	\$ 20,729.00	\$ 3.50	\$ 19,092.50
17	340-6242	D-GR HMA(SQ)TY-B OR D PG64-22(LVL-UP)	829	TON	\$ 87.00	\$ 72,123.00	\$ 82.00	\$ 67,978.00
18	341-6008	D-GR HMA TY-B PG64-22	4,703	TON	\$ 63.00	\$ 296,289.00	\$ 77.00	\$ 362,131.00
19	341-6042	D-GR HMA TY-D SAC-B PG70-22	6,451	TON	\$ 85.00	\$ 548,335.00	\$ 102.00	\$ 658,002.00
20	354-6021	PLANE ASPH CONC PAV(0" TO 2")	8,882	SY	\$ 3.00	\$ 26,646.00	\$ 1.70	\$ 15,099.40
21	400-6005	CEM STABIL BKFL	224	CY	\$ 125.00	\$ 28,000.00	\$ 190.00	\$ 42,560.00
22	401-6001	FLOWABLE BACKFILL	167	CY	\$ 125.00	\$ 20,875.00	\$ 335.00	\$ 55,945.00
23	416-6001	DRILL SHAFT (18 IN)	119	LF	\$ 92.00	\$ 10,948.00	\$ 129.00	\$ 15,351.00
24	416-6005	DRILL SHAFT (42 IN)	672	LF	\$ 180.00	\$ 120,960.00	\$ 622.00	\$ 417,984.00
25	416-6029	DRILL SHAFT (RDWY ILL POLE) (30 IN)	32	LF	\$ 264.00	\$ 8,448.00	\$ 285.00	\$ 9,120.00
26	416-6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	52	LF	\$ 317.00	\$ 16,484.00	\$ 345.00	\$ 17,940.00
27	420-6007	CL A CONC (FLUME)	1	CY	\$ 615.00	\$ 615.00	\$ 1,760.00	\$ 1,760.00
28	420-6013	CL C CONC (ABUT)	74.1	CY	\$ 700.00	\$ 51,870.00	\$ 892.00	\$ 66,097.20
29	420-6029	CL C CONC (CAP)	135	CY	\$ 675.00	\$ 91,125.00	\$ 774.00	\$ 104,490.00
30	420-6037	CL C CONC (COLUMN)	148.4	CY	\$ 715.00	\$ 106,106.00	\$ 950.00	\$ 140,980.00
31	420-6074	CL C CONC (MISC)	86.4	CY	\$ 500.00	\$ 43,200.00	\$ 551.00	\$ 47,606.40
32	422-6001	REINF CONC SLAB	35,280	SF	\$ 15.00	\$ 529,200.00	\$ 19.00	\$ 670,320.00
33	422-6015	APPROACH SLAB	75.4	CY	\$ 500.00	\$ 37,700.00	\$ 750.00	\$ 56,550.00
34	423-RW05	RETAINING WALL (MSE) (ASHLAR STONE FIN)	2,690	SF	\$ 58.00	\$ 156,020.00	\$ 62.00	\$ 166,780.00
35	423-RW06	RETAINING WALL (MSE) (ASHLAR STONE FIN)	2,416	SF	\$ 80.00	\$ 193,280.00	\$ 94.00	\$ 227,104.00
36	425-6040	PRESTR CONC GIRDER (TX62)	3,587.05	LF	\$ 155.00	\$ 555,992.75	\$ 185.00	\$ 663,604.25
37	431-8001	PNEUMATICALLY PLACED CONC (ROCK FACIA)	625	SY	\$ 100.00	\$ 62,500.00	\$ 660.00	\$ 412,500.00
38	432-6001	RIPRAP (CONC)(4 IN)	82	CY	\$ 500.00	\$ 41,000.00	\$ 528.00	\$ 43,296.00
39	432-6033	RIPRAP (STONE PROTECTION)(18 IN)	184	CY	\$ 78.21	\$ 14,390.64	\$ 150.00	\$ 27,600.00

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Capital Excavation		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
40	432-6045	RIPRAP (MOW STRIP)(4 IN)	33	CY	\$ 600.00	\$ 19,800.00	\$ 540.00	\$ 17,820.00
41	432-8001	RIPRAP (STONE PROTECTION)(8 IN) (TY I)	877	CY	\$ 60.00	\$ 52,620.00	\$ 110.00	\$ 96,470.00
42	432-8002	RIPRAP (STONE PROTECTION)(8 IN) (TY II)	9,178	CY	\$ 39.00	\$ 357,942.00	\$ 90.00	\$ 826,020.00
43	450-6023	RAIL (TY SSTR)	1,782	LF	\$ 52.00	\$ 92,664.00	\$ 70.00	\$ 124,740.00
44	454-6001	SEALED EXPANSION JOINT (4 IN) (SEJ - A)	144	LF	\$ 100.00	\$ 14,400.00	\$ 116.00	\$ 16,704.00
45	464-6005	RC PIPE (CL III)(24 IN)	84	LF	\$ 90.00	\$ 7,560.00	\$ 140.00	\$ 11,760.00
46	464-6007	RC PIPE (CL III)(30 IN)	168	LF	\$ 90.00	\$ 15,120.00	\$ 160.00	\$ 26,880.00
47	464-6008	RC PIPE (CL III)(36 IN)	360	LF	\$ 145.00	\$ 52,200.00	\$ 185.00	\$ 66,600.00
48	464-6018	RC PIPE (CL IV)(24 IN)	310	LF	\$ 80.00	\$ 24,800.00	\$ 155.00	\$ 48,050.00
49	464-6026	RC PIPE (CL V)(24 IN)	264	LF	\$ 90.00	\$ 23,760.00	\$ 160.00	\$ 42,240.00
50	466-6005	HEADWALL (CH - FW - 0) (DIA= 24 IN)	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 16,000.00	\$ 16,000.00
51	466-6130	HEADWALL (CH - PW - S) (DIA= 24 IN)	1	EA	\$ 4,000.00	\$ 4,000.00	\$ 20,000.00	\$ 20,000.00
52	467-6001	SET (PIPE RUNNER ASSEMBLY)	1	EA	\$ 11,000.00	\$ 11,000.00	\$ 3,300.00	\$ 3,300.00
53	467-6388	SET (TY II) (24 IN) (RCP) (3: 1) (C)	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 1,700.00	\$ 1,700.00
54	467-6390	SET (TY II) (24 IN) (RCP) (4: 1) (C)	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 2,300.00	\$ 2,300.00
55	467-6394	SET (TY II) (24 IN) (RCP) (6: 1) (C)	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 1,900.00	\$ 3,800.00
56	467-6419	SET (TY II) (30 IN) (RCP) (4: 1) (C)	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 2,700.00	\$ 5,400.00
57	467-6422	SET (TY II) (30 IN) (RCP) (6: 1) (C)	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 3,000.00	\$ 6,000.00
58	467-6448	SET (TY II) (36 IN) (RCP) (3: 1) (C)	3	EA	\$ 3,000.00	\$ 9,000.00	\$ 3,300.00	\$ 9,900.00
59	467-6453	SET (TY II) (36 IN) (RCP) (6: 1) (C)	3	EA	\$ 3,000.00	\$ 9,000.00	\$ 3,800.00	\$ 11,400.00
60	496-6039	REMOV STR (BUILDING)	2	EA	\$ 5,000.00	\$ 10,000.00	\$ 8,500.00	\$ 17,000.00
61	496-6043	REMOV STR (SMALL FENCE)	1,566	LF	\$ 4.00	\$ 6,264.00	\$ 1.00	\$ 1,566.00
62	500-6001	MOBILIZATION	1	LS	\$ 900,000.00	\$ 900,000.00	\$ 650,000.00	\$ 650,000.00
63	502-6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	14	MO	\$ 1,000.00	\$ 14,000.00	\$ 1,500.00	\$ 21,000.00
64	506-6002	ROCK FILTER DAMS (INSTALL) (TY 2)	200	LF	\$ 20.00	\$ 4,000.00	\$ 25.00	\$ 5,000.00
65	506-6011	ROCK FILTER DAMS (REMOVE)	387	LF	\$ 6.00	\$ 2,322.00	\$ 10.00	\$ 3,870.00
66	506-6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	160	SY	\$ 14.00	\$ 2,240.00	\$ 13.00	\$ 2,080.00
67	506-6024	CONSTRUCTION EXITS (REMOVE)	160	SY	\$ 6.00	\$ 960.00	\$ 10.00	\$ 1,600.00
68	506-6038	TEMP SEDMT CONT FENCE (INSTALL)	5,297	LF	\$ 2.00	\$ 10,594.00	\$ 2.40	\$ 12,712.80
69	506-6039	TEMP SEDMT CONT FENCE (REMOVE)	8,539	LF	\$ 0.10	\$ 853.90	\$ 0.60	\$ 5,123.40
70	506-8002	REMOVE ROCK	7,383	SY	\$ 3.00	\$ 22,149.00	\$ 2.80	\$ 20,672.40
71	512-6005	PORT CTB (FUR & INST)(F-SHAPE)(TY 1)	1,440	LF	\$ 50.00	\$ 72,000.00	\$ 78.00	\$ 112,320.00
72	529-6007	CONC CURB & GUTTER (TY I)	4,940	LF	\$ 13.00	\$ 64,220.00	\$ 14.00	\$ 69,160.00
73	529-6008	CONC CURB & GUTTER (TY II)	429	LF	\$ 18.00	\$ 7,722.00	\$ 22.00	\$ 9,438.00
74	531-6017	CURB RAMPS (TY 22)	4	EA	\$ 3,500.00	\$ 14,000.00	\$ 2,400.00	\$ 9,600.00
75	540-6001	MTL W-BEAM GD FEN (TIM POST)	237.5	LF	\$ 22.00	\$ 5,225.00	\$ 25.00	\$ 5,937.50
76	540-6006	MTL BEAM GD FEN TRANS (THRIE-BEAM)	4	EA	\$ 1,300.00	\$ 5,200.00	\$ 1,700.00	\$ 6,800.00
77	540-6016	DOWNSTREAM ANCHOR TERMINAL SECTION	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 990.00	\$ 990.00
78	544-6001	GUARDRAIL END TREATMENT (INSTALL)	3	EA	\$ 2,500.00	\$ 7,500.00	\$ 2,600.00	\$ 7,800.00

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Capital Excavation		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
79	550-6001	CHAIN LINK FENCE (INSTALL) (6')	116	LF	\$ 28.00	\$ 3,248.00	\$ 85.00	\$ 9,860.00
80	550-6006	GATE (REMOVE)	2	EA	\$ 250.00	\$ 500.00	\$ 170.00	\$ 340.00
81	552-8001	WIRE FENCE	15,416	LF	\$ 12.00	\$ 184,992.00	\$ 4.00	\$ 61,664.00
82	552-8002	GALVANIZED TUBE GATE	5	EA	\$ 1,000.00	\$ 5,000.00	\$ 170.00	\$ 850.00
83	556-6006	PIPE UNDERDRAINS (TY 6) (6")	215	LF	\$ 35.00	\$ 7,525.00	\$ 83.00	\$ 17,845.00
84	610-6105	IN RD IL (U/P) (TY 1) (250W EQ) LED	8	EA	\$ 2,700.00	\$ 21,600.00	\$ 2,900.00	\$ 23,200.00
85	610-6290	IN RD IL (TY SA) 50T-12 (400W EQ) LED	2	EA	\$ 5,000.00	\$ 10,000.00	\$ 5,300.00	\$ 10,600.00
86	610-6291	IN RD IL (TY SA) 50T-12-12(400W EQ)LED	2	EA	\$ 6,000.00	\$ 12,000.00	\$ 6,100.00	\$ 12,200.00
87	618-6023	CONDT (PVC) (SCH 40) (2")	9,808	LF	\$ 12.00	\$ 117,696.00	\$ 13.00	\$ 127,504.00
88	618-6024	CONDT (PVC) (SCH 40) (2") (BORE)	778	LF	\$ 28.00	\$ 21,784.00	\$ 30.00	\$ 23,340.00
89	618-6025	CONDT (PVC) (SCH 40) (2") (CONC ENCSE)	398	LF	\$ 26.00	\$ 10,348.00	\$ 28.00	\$ 11,144.00
90	618-6046	CONDT (PVC) (SCH 80) (2")	400	LF	\$ 13.00	\$ 5,200.00	\$ 14.00	\$ 5,600.00
91	618-6047	CONDT (PVC) (SCH 80) (2") (BORE)	335	LF	\$ 30.00	\$ 10,050.00	\$ 32.00	\$ 10,720.00
92	618-6053	CONDT (PVC) (SCH 80) (3")	130	LF	\$ 16.00	\$ 2,080.00	\$ 18.00	\$ 2,340.00
93	618-6054	CONDT (PVC) (SCH 80) (3") (BORE)	740	LF	\$ 33.00	\$ 24,420.00	\$ 36.00	\$ 26,640.00
94	618-6066	CONDT (RM) (1 1/4")	161	LF	\$ 52.00	\$ 8,372.00	\$ 56.00	\$ 9,016.00
95	620-6007	ELEC CONDR (NO.8) BARE	2,964	LF	\$ 1.00	\$ 2,964.00	\$ 1.25	\$ 3,705.00
96	620-6008	ELEC CONDR (NO.8) INSULATED	5,048	LF	\$ 2.00	\$ 10,096.00	\$ 1.50	\$ 7,572.00
97	621-6002	TRAY CABLE (3 CONDR) (12 AWG)	860	LF	\$ 3.00	\$ 2,580.00	\$ 3.50	\$ 3,010.00
98	624-6002	GROUND BOX TY A (122311) W/APRON	12	EA	\$ 915.00	\$ 10,980.00	\$ 990.00	\$ 11,880.00
99	624-6010	GROUND BOX TY D (162922)W/APRON	5	EA	\$ 1,000.00	\$ 5,000.00	\$ 1,100.00	\$ 5,500.00
100	628-6044	ELC SRV TY A 240/480 060(NS)SS(E)PS(U)	2	EA	\$ 6,200.00	\$ 12,400.00	\$ 6,600.00	\$ 13,200.00
101	628-6164	ELC SRV TY D 120/240 070(NS)AL(E)PS(U)	1	EA	\$ 6,000.00	\$ 6,000.00	\$ 6,400.00	\$ 6,400.00
102	644-6001	IN SM RD SN SUP&AM TY10BWG(1) SA(P)	16	EA	\$ 425.00	\$ 6,800.00	\$ 460.00	\$ 7,360.00
103	644-6004	IN SM RD SN SUP&AM TY10BWG(1) SA(T)	20	EA	\$ 506.00	\$ 10,120.00	\$ 550.00	\$ 11,000.00
104	644-6012	IN SM RD SN SUP&AM TY10BWG(1)SB(T)	1	EA	\$ 555.00	\$ 555.00	\$ 605.00	\$ 605.00
105	644-6030	IN SM RD SN SUP&AM TYS80(1)SA(T)	10	EA	\$ 735.00	\$ 7,350.00	\$ 806.00	\$ 8,060.00
106	644-6066	IN SM RD SN SUP&AM (RAIL MOUNT)	5	EA	\$ 2,800.00	\$ 14,000.00	\$ 3,550.00	\$ 17,750.00
107	644-6076	REMOVE SM RD SN SUP&AM	10	EA	\$ 65.00	\$ 650.00	\$ 170.00	\$ 1,700.00
108	658-6004	INSTL DEL ASSM (D-SW)SZ 1(FLX)SRF	37	EA	\$ 50.00	\$ 1,850.00	\$ 84.00	\$ 3,108.00
109	658-6005	INSTL DEL ASSM (D-SW)SZ 1(FLX)SRF(BI)	31	EA	\$ 50.00	\$ 1,550.00	\$ 84.00	\$ 2,604.00
110	658-6014	INSTL DEL ASSM (D-SW)SZ (BR)CTB (BI)	112	EA	\$ 10.00	\$ 1,120.00	\$ 12.00	\$ 1,344.00
111	658-6047	INSTL OM ASSM (OM-2Y)(WC)GND	7	EA	\$ 15.00	\$ 105.00	\$ 50.00	\$ 350.00
112	658-6061	INSTL DEL ASSM (D-SW)SZ 1(BRF)GF2	29	EA	\$ 41.00	\$ 1,189.00	\$ 17.00	\$ 493.00
113	666-6006	REFL PAV MRK TY I (W)4"(DOT) (100MIL)	56	LF	\$ 1.00	\$ 56.00	\$ 0.70	\$ 39.20
114	666-6036	REFL PAV MRK TY I (W)8"(SLD) (100MIL)	4,176	LF	\$ 1.20	\$ 5,011.20	\$ 1.40	\$ 5,846.40
115	666-6048	REFL PAV MRK TY I (W)24"(SLD) (100MIL)	202	LF	\$ 5.00	\$ 1,010.00	\$ 5.00	\$ 1,010.00
116	666-6054	REFL PAV MRK TY I (W)(ARROW) (100MIL)	28	EA	\$ 80.00	\$ 2,240.00	\$ 91.00	\$ 2,548.00
117	666-6078	REFL PAV MRK TY I (W)(WORD) (100MIL)	28	EA	\$ 105.00	\$ 2,940.00	\$ 120.00	\$ 3,360.00

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Capital Excavation		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
118	666-6102	REF PAV MRK TY I(W)36"(YLD TRI)(100MIL)	20	EA	\$ 45.00	\$ 900.00	\$ 51.00	\$ 1,020.00
119	666-6147	REFL PAV MRK TY I (Y) 24"(SLD) (100MIL)	164	LF	\$ 5.00	\$ 820.00	\$ 5.00	\$ 820.00
120	666-6168	REFL PAV MRK TY II (W) 4" (DOT)	56	LF	\$ 1.00	\$ 56.00	\$ 0.50	\$ 28.00
121	666-6170	REFL PAV MRK TY II (W) 4" (SLD)	4,130	LF	\$ 0.50	\$ 2,065.00	\$ 0.45	\$ 1,858.50
122	666-6178	REFL PAV MRK TY II (W) 8" (SLD)	422	LF	\$ 1.00	\$ 422.00	\$ 0.80	\$ 337.60
123	666-6184	REFL PAV MRK TY II (W) (ARROW)	1	EA	\$ 45.00	\$ 45.00	\$ 51.00	\$ 51.00
124	666-6192	REFL PAV MRK TY II (W) (WORD)	1	EA	\$ 65.00	\$ 65.00	\$ 74.00	\$ 74.00
125	666-6207	REFL PAV MRK TY II (Y) 4" (SLD)	936	LF	\$ 0.50	\$ 468.00	\$ 0.40	\$ 374.40
126	666-6214	REFL PAV MRK TY II (Y) 24" (SLD)	89	LF	\$ 4.00	\$ 356.00	\$ 4.30	\$ 382.70
127	666-6282	REF PROF PAV MRK TY I(W)4"(SLD)(060MIL)	15,518	LF	\$ 0.70	\$ 10,862.60	\$ 0.80	\$ 12,414.40
128	666-6287	REF PROF PAV MRK TY I(Y)4"(SLD)(090MIL)	16,301	LF	\$ 0.70	\$ 11,410.70	\$ 0.80	\$ 13,040.80
129	666-6303	RE PM W/RET REQ TY I (W)4"(SLD) (100MIL)	4,749	LF	\$ 0.80	\$ 3,799.20	\$ 0.85	\$ 4,036.65
130	666-6315	RE PM W/RET REQ TY I (Y)4"(SLD) (100MIL)	5,457	LF	\$ 0.80	\$ 4,365.60	\$ 0.85	\$ 4,638.45
131	672-6007	REFL PAV MRKR TY I-C	564	EA	\$ 3.00	\$ 1,692.00	\$ 3.10	\$ 1,748.40
132	672-6009	REFL PAV MRKR TY II-A-A	582	EA	\$ 3.00	\$ 1,746.00	\$ 3.10	\$ 1,804.20
133	672-6010	REFL PAV MRKR TY II-C-R	95	EA	\$ 3.00	\$ 285.00	\$ 3.10	\$ 294.50
134	677-6001	ELIM EXT PAV MRK & MRKS (4")	1,745	LF	\$ 0.80	\$ 1,396.00	\$ 0.90	\$ 1,570.50
135	677-6007	ELIM EXT PAV MRK & MRKS (24")	199	LF	\$ 3.00	\$ 597.00	\$ 3.70	\$ 736.30
135a	677-6008	ELIM EXT PAV MRK & MRKS (ARROW)	1	EA	\$ 500.00	\$ 500.00	\$ 140.00	\$ 140.00
135b	677-6012	ELIM EXT PAV MRK & MRKS (WORDS)	1	EA	\$ 500.00	\$ 500.00	\$ 170.00	\$ 170.00
136	680-6002	INSTALL HWY TRF SIG (ISOLATED)	1	EA	\$ 7,400.00	\$ 7,400.00	\$ 8,000.00	\$ 8,000.00
137	685-6004	INSTL RDS D FLSH BCN ASSM (SOLAR PWRD)	4	EA	\$ 7,300.00	\$ 29,200.00	\$ 7,900.00	\$ 31,600.00
138	686-6040	INS TRF SIG PL AM(S)1 ARM(36')LUM&ILSN	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 11,000.00	\$ 11,000.00
139	686-6044	INS TRF SIG PL AM(S)1 ARM(40')LUM&ILSN	1	EA	\$ 11,000.00	\$ 11,000.00	\$ 11,500.00	\$ 11,500.00
140	686-6048	INS TRF SIG PL AM(S)1 ARM(44')LUM&ILSN	2	EA	\$ 11,000.00	\$ 22,000.00	\$ 11,600.00	\$ 23,200.00
141	740-6005	ANTI - GRAFFITI COATNG (PERM NENT-TY III)	2,690	SF	\$ 2.00	\$ 5,380.00	\$ 1.70	\$ 4,573.00
142	6090-6002	ILSN (LED) (8 D)	4	EA	\$ 3,500.00	\$ 14,000.00	\$ 3,800.00	\$ 15,200.00
143	S2-BD	BOULDER DELINEATION	8,051	LF	\$ 10.00	\$ 80,510.00	\$ 52.00	\$ 418,652.00
144	S2-GA	GATE ATTENDANT	5,600	HR	\$ 12.00	\$ 67,200.00	\$ 41.00	\$ 229,600.00
145	S2-RC	ROCK CUT	56,312	SF	\$ 2.00	\$ 112,624.00	\$ 6.00	\$ 337,872.00

NON-BID ITEMS TO BE INCLUDED IN BID AND CONTRACT AMOUNT

146	999-WC01	FORCE ACCOUNT	100,000	DOL	\$1.00	\$100,000.00	\$1.00	\$100,000.00
147	341-WC01	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY (TY B)	30,000	DOL	\$1.00	\$30,000.00	\$1.00	\$30,000.00
148	341-WC02	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY (TY D SURFACE)	40,000	DOL	\$1.00	\$40,000.00	\$1.00	\$40,000.00
149	585-WC01	FORCE ACCOUNT - ESTIMATED RIDE QUALITY BONUS/PENALTY	10,000	DOL	\$1.00	\$10,000.00	\$1.00	\$10,000.00

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Capital Excavation		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
		TOTAL COST ADJUSTED FOR CORRECTNESS			\$ 9,012,863.14		\$ 12,341,836.85	
		ACTUAL BID PROPOSAL			\$9,012,863.14		\$12,341,836.85	
		ADJUSTMENT DIFFERENCE			\$0.00		\$0.00	
		Bid Bond			Y		Y	
		Bid Affidavit			Y		Y	
		Conflict of Interest Questionnaire			Y		Y	
		Bidder References (Minimum of Three)			Y		Y	



June 6, 2018

Reference: Williamson County, Texas
Southwest Bypass: Segment 2
Recommendation of Award Contract

Dear Kris Keith, P.E.,

On May 9, 2018, Williamson County opened bids for the above-referenced project. A tabulation of the four (4) responsive bids received is enclosed. The apparent low bidder was James Construction Group, LLC. of Belton, Texas. A review of the apparent low bid revealed no discrepancies with the requirements specified in the Contract documents. James Construction Group's bid represents the lowest total project bid.

Significant items to note compared to the Engineer's Estimate provided by HDR are:

- Item 5 – Excavation
 - o James Construction's bid price for excavation is \$877,788.16 (51%) less than the engineer's estimate, which resulted from the previous SW Bypass, TxDOT Avg bid prices, and other Williamson County project bid tabs.
- Items 6&7 – Embankment
 - o James Construction's bid price for embankment is \$878,159.15 (64%) less than the engineer's estimate, which resulted from the previous SW Bypass, TxDOT Avg bid prices, and other Williamson County project bid tabs.
- Item 42 – Riprap (Stone Protection)(8 IN)(TY II)
 - o James Construction's bid price for stone protection riprap is \$408,512.78 (64%) less than the engineer's estimate, which resulted from the previous SW Bypass, TxDOT Avg bid prices, and other Williamson County project bid tabs.
- Item 62 – Mobilization
 - o The mobilization was 19% less than estimated, resulting in \$184,000 less than the engineer's estimate.
- Item S2-RC – Rock Cut
 - o James Construction's bid price for rock cut is \$80,526.16 (32%) less than the engineer's estimate.

The major differences in the engineer's estimate and the low bid price are associated with earthwork and stone riprap. This is not surprising as the unit price expectation of material re-usage from the quarry was estimated conservatively. HDR has reviewed the bid package as submitted by James Construction Group, LLC. and has found no exceptions to the bid as submitted. Based upon bid analysis, HDR recommends that Williamson County accept the bid from James Construction Group, LLC. in the amount as follows:

Bid Amount: \$8,087,943.77

Please contact me if you have any questions regarding the award of this construction contract.

Sincerely,
HDR Engineering, Inc.

Jacob E. Walker, P.E.
Transportation Engineer

hdrinc.com

810 Hesters Crossing #120, Round Rock, TX 78681
T 512.685.2900 F 512.685.2901

Texas Registered Engineering Firm F-754

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

Certificate Number:
2018-366858

Date Filed:
06/12/2018

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
James Construction Group
Belton, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
Williamson County

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
210301034
1803-219 Southwest Bypass Segment 2 - Award of Contract

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary

5 Check only if there is NO Interested Party.



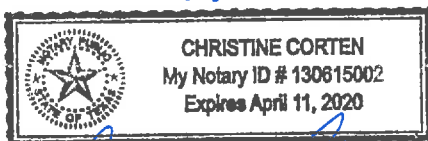
6 UNSWORN DECLARATION

My name is Matthew C. Millet, and my date of birth is 12-3-65.

My address is 5880 W Hwy 190 (street), Belton (city), TX (state), 710513 (zip code), Bel (country).

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Bel County, State of Texas, on the 12 day of June, 20 18.
(month) (year)



[Signature]
Signature of authorized agent of contracting business entity
(Declarant)