

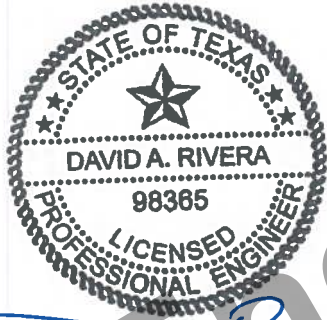
BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES, PAVING AND APPURTENANCES,
DETENTION AND TRAFFIC SIGNAL TO SERVE MAGNOLIA PLACE PHASE I
MAGNOLIA EAST MUNICIPAL UTILITY DISTRICT
CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
APRIL 1, 2021
LJA ENGINEERING, INC.
D. FORREST
APRIL 1, 2021
2559-1901 (9.2)

BID OPENING DATE:
BID OPENING LOCATION:
TABULATION BY:
TABULATION DATE:
LJA JOB NO.

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID NO. 1
1) JOSLIN CONSTRUCTION	\$5,937,066.80	\$6,015,127.80
2) JOERIS GENERAL CONTRACTORS	\$6,234,020.14	\$6,304,300.54
3) TLC CONSTRUCTION CONTRACT SERVICES	\$7,344,579.20	\$7,437,216.20

CALENDAR DAYS - 125/135



[Handwritten Signature]
4-5-2021

I, David A. Rivera, P.E., hereby certify these bid tabulations to be true and correct.

LJA Engineering, Inc.

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ITEM	DESCRIPTION	UNIT	QTY	1) JOSLIN CONSTRUCTION		2) JOERIS GENERAL CONTRACTORS		3) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
PAVING (BUCKEYE TRAIL) – MAGNOLIA EAST MUD – SHARED ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	4163	\$43.00	\$179,009.00	\$45.57	\$189,707.91	\$49.00	\$203,987.00
2	6" LIME/FLYASH STABILIZED SUBGRADE, COMPLETE IN PLACE	SY	4652	\$5.00	\$23,260.00	\$5.27	\$24,516.04	\$4.00	\$18,608.00
3	LIME (3% OR 15 LB/SY) AND FLYASH (8% OR 40LB/SY) FOR SUBGRADE, COMPLETE IN PLACE	TON	122	\$150.00	\$18,300.00	\$162.15	\$19,782.30	\$244.00	\$29,768.00
4	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2006	\$4.50	\$9,027.00	\$4.75	\$9,528.50	\$4.00	\$8,024.00
5	WHEELCHAIR RAMPS AS PER DETAIL, INCLUDING TRUNCATED DOME PAVERS OR GROOVED DETECTIBLE AREA AS NOTED IN CONSTRUCTION PLAN SET, COMPLETE IN PLACE	EA	12	\$1,260.00	\$15,120.00	\$1,333.11	\$15,997.32	\$2,126.00	\$25,512.00
6	HYDROMULCH SEEDING OF R.O.W., INCLUDES WATERING, COMPLETE IN PLACE	AC	0.63	\$3,700.00	\$2,331.00	\$3,986.02	\$2,511.19	\$8,437.00	\$5,315.31
7	5' REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	LF	762	\$30.00	\$22,860.00	\$31.43	\$23,949.66	\$77.00	\$58,674.00
8	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, STREET SIGNS, STOP SIGNS, PAVEMENT STRIPING, MARKERS, ETC., COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$5,273.78	\$5,273.78	\$2,313.00	\$2,313.00
9	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	4	\$11.00	\$44.00	\$15.82	\$63.28	\$44.00	\$176.00
10	COMMON ROADWAY EXCAVATION TO BE USED FOR ON-SITE FILL (PER FILL PLAN), INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS WITHIN ½ MILES OF SITE, COMPLETE IN PLACE	CY	440	\$7.50	\$3,300.00	\$7.91	\$3,480.40	\$10.00	\$4,400.00
11	REINFORCED FABRIC FENCE, COMPLETE IN PLACE	LF	2260	\$1.35	\$3,051.00	\$1.42	\$3,209.20	\$2.00	\$4,520.00
12	METHOD "A" FULL CONSTRUCTION STAKING FOR PAVING CONSTRUCTION, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$1,800.00	\$1,800.00	\$1,898.56	\$1,898.56	\$1,800.00	\$1,800.00
13	INSTALL STANDARD TYPE III BARRICADE, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	8	\$900.00	\$7,200.00	\$1,054.76	\$8,438.08	\$1,063.00	\$8,504.00
PAVING (BUCKEYE TRAIL) – MAGNOLIA EAST MUD – SHARED ITEMS SUBTOTAL:					\$288,302.00		\$308,356.22		\$371,601.31
WATER (BUCKEYE TRAIL) – MAGNOLIA EAST MUD – SHARED ITEMS									
1	16" WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	305	\$89.00	\$27,145.00	\$94.51	\$28,825.55	\$102.00	\$31,110.00
2	8" WATER PIPE, RESTRAINED JOINT, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	200	\$47.00	\$9,400.00	\$50.31	\$10,062.00	\$43.00	\$8,600.00
3	12" WATER PIPE, RESTRAINED JOINT, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	147	\$70.00	\$10,290.00	\$74.57	\$10,961.79	\$87.00	\$12,789.00
4	12" WATER PIPE, C-900 DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	753	\$48.00	\$36,144.00	\$50.84	\$38,282.52	\$56.00	\$42,168.00
5	FIRE HYDRANT UNIT, ALL DEPTHS, TO INCLUDE APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL AND TRENCH SAFETY, COMPLETE IN PLACE	EA	4	\$4,500.00	\$18,000.00	\$4,767.71	\$19,070.84	\$5,170.00	\$20,680.00
6	16" AWWA BUTTERFLY VALVE & BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	2	\$4,400.00	\$8,800.00	\$4,662.44	\$9,324.88	\$4,904.00	\$9,808.00
7	12" AWWA GATE VALVE & BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00	\$2,603.98	\$10,415.92	\$2,703.00	\$10,812.00
8	8" PLUG & CLAMP, COMPLETE IN PLACE	EA	3	\$230.00	\$690.00	\$243.02	\$729.06	\$252.00	\$756.00
9	2" BLOW-OFF VALVE ASSEMBLY AND BOX, COMPLETE IN PLACE	EA	3	\$690.00	\$2,070.00	\$729.26	\$2,187.78	\$978.00	\$2,934.00
10	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	3	\$1,400.00	\$4,200.00	\$1,482.88	\$4,448.64	\$985.00	\$2,955.00
11	REMOVE AND DISPOSE OF EXISTING 16" WATERLINE, INCLUDES ALL APPURTENANCES, COMPLETE IN PLACE	LF	337	\$10.00	\$3,370.00	\$10.65	\$3,589.05	\$20.00	\$6,740.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1405	\$0.50	\$702.50	\$0.53	\$744.65	\$1.00	\$1,405.00

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ITEM	DESCRIPTION	UNIT	QTY	1) JOSLIN CONSTRUCTION		2) JOERIS GENERAL CONTRACTORS		3) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13	ADDITIONAL CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$6,900.00	\$13,800.00	\$7,312.62	\$14,625.24	\$1,250.00	\$2,500.00
14	UTILITY SPOIL TO BE HAULED, SPREAD, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	489	\$7.40	\$3,618.60	\$7.81	\$3,819.09	\$4.00	\$1,956.00
15	WET CONNECT FOR 16" WATERLINE	EA	1	\$1,400.00	\$1,400.00	\$1,475.39	\$1,475.39	\$1,553.00	\$1,553.00
16	METHOD "A" FULL CONSTRUCTION STAKING, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$1,400.00	\$1,400.00	\$1,476.66	\$1,476.66	\$1,400.00	\$1,400.00
WATER (BUCKEYE TRAIL) – MAGNOLIA EAST MUD – SHARED ITEMS SUBTOTAL:					\$151,030.10		\$160,039.06		\$158,166.00
SANITARY SEWER (BUCKEYE TRAIL) – MAGNOLIA EAST MUD – SHARED ITEMS									
1	8" PVC GREEN SEWER PIPE, ASTM D-2241, SDR 26, ALL DEPTHS, COMPLETE IN PLACE	LF	100	\$87.00	\$8,700.00	\$91.87	\$9,187.00	\$46.00	\$4,600.00
2	12" PVC GREEN SEWER PIPE, AWWA C-900, DR 18, OVER 16" CUT, COMPLETE IN PLACE	LF	933	\$80.00	\$74,640.00	\$84.06	\$78,427.98	\$102.00	\$95,166.00
3	SANITARY SEWER 5-FOOT MANHOLE FOR 6"-24" SANITARY, INCLUDES XYPEX ADMIXTURE, INCLUDES HDPE INFLOW PREVENTERS ON SANITARY MANHOLE, COMPLETE IN PLACE	EA	5	\$5,000.00	\$25,000.00	\$5,372.82	\$26,864.10	\$8,693.00	\$43,465.00
4	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 10' DEPTH), COMPLETE IN PLACE	VF	50	\$334.00	\$16,700.00	\$352.50	\$17,625.00	\$568.00	\$28,400.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1033	\$3.00	\$3,099.00	\$3.48	\$3,594.84	\$1.00	\$1,033.00
6	TV INSPECTION OF SANITARY SEWER LINES, TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	1033	\$3.30	\$3,408.90	\$3.48	\$3,594.84	\$3.00	\$3,099.00
7	UTILITY SPOIL TO BE HAULED, SPREAD, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	320	\$7.50	\$2,400.00	\$7.91	\$2,531.20	\$4.00	\$1,280.00
8	8" SANITARY SEWER PLUG, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	2	\$160.00	\$320.00	\$167.60	\$335.20	\$32.00	\$64.00
9	REMOVE AND REPLACE EXISTING SANITARY SEWER FORCEMAIN, COMPLETE IN PLACE	LF	246	\$98.00	\$24,108.00	\$103.58	\$25,480.68	\$88.00	\$21,648.00
10	DEWATERING PER LF OF ROW (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), QUANTITY PER LF OF ROW, COMPLETE IN PLACE	LF	933	\$24.00	\$22,392.00	\$24.91	\$23,241.03	\$31.00	\$28,923.00
11	ADDITIONAL COST FOR MODIFIED "A-A" BEDDING FOR WET SAND CONSTRUCTION, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), QUANTITY PER LF OF ROW, COMPLETE IN PLACE	LF	933	\$22.00	\$20,526.00	\$24.91	\$23,241.03	\$13.00	\$12,129.00
12	METHOD "A" FULL CONSTRUCTION STAKING, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$1,050.00	\$1,050.00	\$1,107.49	\$1,107.49	\$1,050.00	\$1,050.00
SANITARY SEWER (BUCKEYE TRAIL) – MAGNOLIA EAST MUD – SHARED ITEMS SUBTOTAL:					\$202,343.90		\$215,230.39		\$240,857.00
DRAINAGE FACILITIES ITEMS (BUCKEYE TRAIL) – MAGNOLIA EAST MUD – SHARED ITEMS									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	604	\$62.00	\$37,448.00	\$65.08	\$39,308.32	\$85.00	\$51,340.00
2	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), COMPLETE IN PLACE	EA	4	\$1,130.00	\$4,520.00	\$1,194.51	\$4,778.04	\$1,947.00	\$7,788.00
3	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), COMPLETE IN PLACE	EA	4	\$990.00	\$3,960.00	\$1,042.63	\$4,170.52	\$2,059.00	\$8,236.00
4	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, COMPLETE IN PLACE	EA	4	\$2,800.00	\$11,200.00	\$2,916.93	\$11,667.72	\$4,175.00	\$16,700.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	604	\$1.00	\$604.00	\$1.16	\$700.64	\$1.00	\$604.00
6	UTILITY SPOIL TO BE HAULED, SPREAD, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	495	\$7.30	\$3,613.50	\$7.70	\$3,811.50	\$4.00	\$1,980.00
7	STAGE II INLET PROTECTION BARRIER ON EXISTING INLET, COMPLETE IN PLACE	EA	4	\$65.00	\$260.00	\$72.99	\$291.96	\$75.00	\$300.00

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8	METHOD "A" FULL CONSTRUCTION STAKING FOR WS&D CONSTRUCTION, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$750.00	\$750.00	\$791.07	\$791.07	\$750.00	\$750.00
DRAINAGE FACILITIES ITEMS (BUCKEYE TRAIL) – MAGNOLIA EAST MUD – SHARED ITEMS SUE					\$62,355.50		\$65,519.77		\$87,698.00
PAVING RED CREEK CIRCLE (BUCKEYE TRAIL TO SPUR 149)–MAGNOLIA EAST MUD-SHARED									
1	6" LIME/FLYASH STABILIZED SUBGRADE, COMPLETE IN PLACE	SY	5882	\$5.00	\$29,410.00	\$5.27	\$30,998.14	\$3.00	\$17,646.00
2	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	5444	\$43.00	\$234,092.00	\$44.72	\$243,455.68	\$49.00	\$266,756.00
3	LIME (3% OR 15 LB/SY) AND FLYASH (8% OR 40LB/SY) FOR SUBGRADE, COMPLETE IN PLACE	TON	137	\$150.00	\$20,550.00	\$162.33	\$22,239.21	\$244.00	\$33,428.00
4	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1757	\$4.50	\$7,906.50	\$4.75	\$8,345.75	\$4.00	\$7,028.00
5	WHEELCHAIR RAMPS AS PER DETAIL, INCLUDING TRUNCATED DOME PAVERS OR GROOVED DETECTIBLE AREA AS NOTED IN CONSTRUCTION PLAN SET, COMPLETE IN PLACE	EA	4	\$1,200.00	\$4,800.00	\$1,333.11	\$5,332.44	\$2,132.00	\$8,528.00
6	HYDROMULCH SEEDING OF R.O.W., COMPLETE IN PLACE	AC	0.4	\$5,400.00	\$2,160.00	\$6,202.70	\$2,481.08	\$13,289.00	\$5,315.60
7	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, STREET SIGNS, STOP SIGNS, PAVEMENT STRIPING, MARKERS, ETC., COMPLETE IN PLACE	LS	1	\$6,000.00	\$6,000.00	\$6,723.22	\$6,723.22	\$2,313.00	\$2,313.00
8	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	4	\$11.00	\$44.00	\$11.60	\$46.40	\$44.00	\$176.00
9	COMMON ROADWAY EXCAVATION TO BE USED FOR ON-SITE AND ADJACENT LOT AND ROADWAY FILL (PER GRADING PLAN), INCLUDES SITE PREP, EXCAVATION, HAULING, PLACING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS WITHIN ½ MILES OF SITE, COMPLETE IN PLACE	CY	455	\$7.50	\$3,412.50	\$7.91	\$3,599.05	\$10.00	\$4,550.00
10	REMOVE EXISTING FENCE LINE AND RELOCATE TO PROPERTY LINE, COMPLETE IN PLACE	LF	854	\$5.50	\$4,697.00	\$5.91	\$5,047.14	\$56.00	\$47,824.00
11	REMOVE EXISTING LIFT STATION DRIVE AND REPLACE WITH CONCRETE DRIVE TO LIFT STATION, COMPLETE IN PLACE	SY	160	\$65.00	\$10,400.00	\$74.25	\$11,880.00	\$10.00	\$1,600.00
12	REINFORCED FABRIC FENCE, COMPLETE IN PLACE	LF	1800	\$1.35	\$2,430.00	\$1.58	\$2,844.00	\$2.00	\$3,600.00
13	4" X 12" REINFORCED MOUNTABLE CURB (LIFT STATION ACCESS), COMPLETE IN PLACE	LF	40	\$9.00	\$360.00	\$9.70	\$388.00	\$4.00	\$160.00
14	METHOD "A" FULL CONSTRUCTION STAKING FOR PAVING CONSTRUCTION, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$1,800.00	\$1,800.00	\$1,850.00	\$1,850.00	\$1,800.00	\$1,800.00
15	REMOVE AND DISPOSE OF EXISTING ALL WEATHER ROAD, COMPLETE IN PLACE	LS	1	\$9,500.00	\$9,500.00	\$10,064.16	\$10,064.16	\$13,964.00	\$13,964.00
PAVING RED CREEK CIRCLE (BUCKEYE TRAIL TO SPUR 149)–MAGNOLIA EAST MUD-SHARED					\$337,562.00		\$355,294.27		\$414,688.60
WATER RED CREEK CIRCLE (FROM BUCKEYE TRAIL TO SPUR 149)–MAGNOLIA EAST MUD-SHARED									
1	6" WATER PIPE, C-900, DR 18, CLASS 235, FOR LONG HYDRANT LEAD, COMPLETE IN PLACE	LF	60	\$20.00	\$1,200.00	\$21.41	\$1,284.60	\$33.00	\$1,980.00
2	8" WATER PIPE, C-900, DR 18, CLASS 235, COMPLETE IN PLACE	LF	20	\$40.00	\$800.00	\$42.19	\$843.80	\$44.00	\$880.00
3	12" WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	758	\$45.00	\$34,110.00	\$48.10	\$36,459.80	\$55.00	\$41,690.00
4	12" WATER PIPE, RESTRAINED JOINT, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	925	\$59.00	\$54,575.00	\$62.40	\$57,720.00	\$77.00	\$71,225.00
5	FIRE HYDRANT UNIT, ALL DEPTHS, TO INCLUDE APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL AND TRENCH SAFETY, COMPLETE IN PLACE	EA	4	\$4,600.00	\$18,400.00	\$4,827.72	\$19,310.88	\$5,184.00	\$20,736.00
6	8" AWWA GATE VALVE & BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$1,400.00	\$1,400.00	\$1,482.88	\$1,482.88	\$1,436.00	\$1,436.00
7	12" AWWA GATE VALVE & BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00	\$2,603.98	\$10,415.92	\$2,058.00	\$8,232.00
8	8" PLUG & CLAMP, COMPLETE IN PLACE	EA	1	\$245.00	\$245.00	\$256.41	\$256.41	\$252.00	\$252.00

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9	12" PLUG & CLAMP, COMPLETE IN PLACE	EA	3	\$325.00	\$975.00	\$342.80	\$1,028.40	\$365.00	\$1,095.00
10	2" BLOW-OFF VALVE ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	4	\$650.00	\$2,600.00	\$722.51	\$2,890.04	\$959.00	\$3,836.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1183	\$0.50	\$591.50	\$0.53	\$626.99	\$1.00	\$1,183.00
12	ADDITIONAL CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$6,950.00	\$6,950.00	\$7,330.55	\$7,330.55	\$1,250.00	\$1,250.00
13	UTILITY SPOIL TO BE HAULED, SPREAD, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	357	\$7.40	\$2,641.80	\$7.81	\$2,788.17	\$4.00	\$1,428.00
14	AIR RELEASE MANHOLE ASSEMBLY, INCLUDE AIR RELEASE VALVE AND ALL APPURTENANCES, ALL SIZES, COMPLETE IN PLACE	EA	1	\$4,200.00	\$4,200.00	\$4,408.77	\$4,408.77	\$3,761.00	\$3,761.00
15	METHOD "A" FULL CONSTRUCTION STAKING, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$1,750.00	\$1,750.00	\$1,845.82	\$1,845.82	\$1,750.00	\$1,750.00
WATER RED CREEK CIRCLE (FROM BUCKEYE TRAIL TO SPUR 149)-MAGNOLIA EAST MUD-SH					\$140,438.30		\$148,693.03		\$160,734.00
SANITARY RED CREEK CIRCLE (BUCKEYE TRAIL TO SPUR 149)-MAGNOLIA EAST MUD SHARED									
1	8" PVC GREEN SEWER PIPE, ASTM D-2241, SDR 26, ALL DEPTHS, COMPLETE IN PLACE	LF	130	\$87.00	\$11,310.00	\$91.34	\$11,874.20	\$46.00	\$5,980.00
2	12" PVC GREEN SEWER PIPE, AWWA C-900, DR 18, OVER 16' CUT, COMPLETE IN PLACE	LF	768	\$80.00	\$61,440.00	\$84.27	\$64,719.36	\$102.00	\$78,336.00
3	18" PVC GREEN SEWER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	115	\$114.00	\$13,110.00	\$120.24	\$13,827.60	\$143.00	\$16,445.00
4	SANITARY SEWER 5-FOOT MANHOLE FOR 6"-24" SANITARY, INCLUDES XYPEX ADMIXTURE, INCLUDES HDPE INFLOW PREVENTERS ON SANITARY SEWER MANHOLE, COMPLETE IN PLACE	EA	6	\$5,000.00	\$30,000.00	\$5,368.81	\$32,212.86	\$8,693.00	\$52,158.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 10' DEPTH), COMPLETE IN PLACE	VF	43	\$335.00	\$14,405.00	\$352.50	\$15,157.50	\$568.00	\$24,424.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1013	\$3.00	\$3,039.00	\$3.48	\$3,525.24	\$1.00	\$1,013.00
7	TV INSPECTION OF SANITARY SEWER LINES, COMPLETE IN PLACE	LF	1013	\$3.30	\$3,342.90	\$3.48	\$3,525.24	\$3.00	\$3,039.00
8	DEWATERING PER LF OF R.O.W. (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), QUANTITY PER LF OF R.O.W., COMPLETE IN PLACE	LF	1013	\$24.00	\$24,312.00	\$24.61	\$24,929.93	\$31.00	\$31,403.00
9	ADDITIONAL COST FOR MODIFIED "A-A" BEDDING FOR WET SAND CONSTRUCTION, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1013	\$21.00	\$21,273.00	\$22.02	\$22,306.26	\$13.00	\$13,169.00
10	UTILITY SPOIL TO BE HAULED, SPREAD, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	415	\$7.40	\$3,071.00	\$7.81	\$3,241.15	\$4.00	\$1,660.00
11	8" SANITARY SEWER PLUG, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	2	\$160.00	\$320.00	\$167.60	\$335.20	\$32.00	\$64.00
12	REMOVE AND RELOCATE OR REPLACE SANITARY SEWER MANHOLE AND SURROUNDING STUBS AT LIFT STATION, COMPLETE IN PLACE	EA	1	\$3,600.00	\$3,600.00	\$3,744.59	\$3,744.59	\$9,326.00	\$9,326.00
13	METHOD "A" FULL CONSTRUCTION STAKING, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$950.00	\$950.00	\$1,002.02	\$1,002.02	\$950.00	\$950.00
SANITARY RED CREEK CIRCLE (BUCKEYE TRAIL TO SPUR 149)-MAGNOLIA EAST MUD SHARE					\$190,172.90		\$200,401.15		\$237,967.00
DRAINAGE RED CREEK CIRCLE (BUCKEYE TRAIL TO SPUR 149) - MAGNOLIA EAST MUD SHARED									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	450	\$62.00	\$27,900.00	\$65.29	\$29,380.50	\$85.00	\$38,250.00
2	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), COMPLETE IN PLACE	EA	4	\$1,200.00	\$4,800.00	\$1,194.51	\$4,778.04	\$1,947.00	\$7,788.00
3	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), COMPLETE IN PLACE	EA	4	\$1,000.00	\$4,000.00	\$1,062.88	\$4,251.52	\$2,059.00	\$8,236.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES, PAVING AND APPURTENANCES,
 DETENTION AND TRAFFIC SIGNAL TO SERVE MAGNOLIA PLACE PHASE I
 MAGNOLIA EAST MUNICIPAL UTILITY DISTRICT
 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
 APRIL 1, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 APRIL 1, 2021
 2559-1901 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) JOSLIN CONSTRUCTION		2) JOERIS GENERAL CONTRACTORS		3) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, COMPLETE IN PLACE	EA	3	\$2,900.00	\$8,700.00	\$3,066.49	\$9,199.47	\$4,174.00	\$12,522.00
5	OUTFALL STRUCTURE, INTO DETENTION POND, INCLUDES SLOPE PAVING, COMPLETE IN PLACE	EA	1	\$3,100.00	\$3,100.00	\$3,260.46	\$3,260.46	\$17,407.00	\$17,407.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	450	\$1.00	\$450.00	\$1.16	\$522.00	\$1.00	\$450.00
7	UTILITY SPOIL TO BE HAULED, SPREAD, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	383	\$7.50	\$2,872.50	\$7.91	\$3,029.53	\$4.00	\$1,532.00
8	INSTALLATION, MAINTENANCE, AND REMOVAL OF STABILIZED CONSTRUCTION EXIT (ONE PER PHASE), COMPLETE IN PLACE	EA	1	\$2,600.00	\$2,600.00	\$3,009.32	\$3,009.32	\$2,500.00	\$2,500.00
9	STAGE II INLET PROTECTION BARRIER ON EXISTING INLET, COMPLETE IN PLACE	EA	4	\$65.00	\$260.00	\$72.99	\$291.96	\$75.00	\$300.00
10	METHOD "A" FULL CONSTRUCTION STAKING FOR WS&D CONSTRUCTION, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$750.00	\$750.00	\$791.07	\$791.07	\$750.00	\$750.00
DRAINAGE RED CREEK CIRCLE (BUCKEYE TRAIL TO SPUR 149) – MAGNOLIA EAST MUD SHAR					\$55,432.50		\$58,513.87		\$89,735.00
SANITARY SEWER - RED CREEK CIRCLE (JLW TO BT) – MAGNOLIA EAST MUD ITEMS									
1	10" PVC GREEN SEWER PIPE, AWWA C-900, DR 18, OVER 16" CUT, COMPLETE IN PLACE	LF	394	\$96.00	\$37,824.00	\$101.15	\$39,853.10	\$89.00	\$35,066.00
2	SANITARY SEWER 5-FOOT MANHOLE FOR 6"-24" SANITARY, INCLUDES XYPEX ADMIXTURE, INCLUDES HDPE INFLOW PREVENTORS ON SANITARY SEWER MANHOLE, COMPLETE IN PLACE	EA	3	\$5,000.00	\$15,000.00	\$5,375.46	\$16,126.38	\$8,693.00	\$26,079.00
3	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 10" DEPTH), COMPLETE IN PLACE	VF	43	\$370.00	\$15,910.00	\$390.47	\$16,790.21	\$568.00	\$24,424.00
4	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	394	\$3.00	\$1,182.00	\$3.48	\$1,371.12	\$1.00	\$394.00
5	TV INSPECTION OF SANITARY SEWER LINES, COMPLETE IN PLACE	LF	394	\$3.30	\$1,300.20	\$3.48	\$1,371.12	\$3.00	\$1,182.00
6	DEWATERING PER LF OF R.O.W. (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), QUANTITY PER LF OF R.O.W., COMPLETE IN PLACE	LF	394	\$24.50	\$9,653.00	\$25.84	\$10,180.96	\$31.00	\$12,214.00
7	ADDITIONAL COST FOR MODIFIED "A-A" BEDDING FOR WET SAND CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	394	\$20.50	\$8,077.00	\$21.62	\$8,518.28	\$13.00	\$5,122.00
8	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	300	\$10.00	\$3,000.00	\$39.24	\$11,772.00	\$41.00	\$12,300.00
9	UTILITY SPOIL TO BE HAULED, SPREAD, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	150	\$7.30	\$1,095.00	\$7.70	\$1,155.00	\$4.00	\$600.00
10	10" SANITARY SEWER PLUG, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$230.00	\$230.00	\$235.95	\$235.95	\$90.00	\$90.00
11	METHOD "A" FULL CONSTRUCTION STAKING, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$750.00	\$750.00	\$791.07	\$791.07	\$750.00	\$750.00
SANITARY SEWER - RED CREEK CIRCLE (JLW TO BT) – MAGNOLIA EAST MUD ITEMS SUBTOT/					\$94,021.20		\$108,165.19		\$118,221.00
DRAINAGE FACILITIES - RED CREEK CIRCLE (JLW TO BT) – MAGNOLIA EAST MUD ITEMS									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1239	\$62.00	\$76,818.00	\$64.87	\$80,373.93	\$85.00	\$105,315.00
2	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	402	\$103.00	\$41,406.00	\$108.85	\$43,757.70	\$145.00	\$58,290.00
3	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	903	\$208.00	\$187,824.00	\$219.60	\$198,298.80	\$295.00	\$266,385.00
4	7' X 5' R.C.B. STORM SEWER, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	200	\$500.00	\$100,000.00	\$524.53	\$104,906.00	\$607.00	\$121,400.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES, PAVING AND APPURTENANCES,
 DETENTION AND TRAFFIC SIGNAL TO SERVE MAGNOLIA PLACE PHASE I
 MAGNOLIA EAST MUNICIPAL UTILITY DISTRICT
 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
 APRIL 1, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 APRIL 1, 2021
 2559-1901 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) JOSLIN CONSTRUCTION		2) JOERIS GENERAL CONTRACTORS		3) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	PRECAST 9' X 9' JUNCTION BOX OR CUSTOM 9' X 6' JUNCTION BOX, INCLUDES CONE TOP MANHOLE, COMPLETE IN PLACE	EA	1	\$13,000.00	\$13,000.00	\$13,696.00	\$13,696.00	\$38,674.00	\$38,674.00
6	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, COMPLETE IN PLACE	EA	9	\$3,600.00	\$32,400.00	\$3,778.03	\$34,002.27	\$4,174.00	\$37,566.00
7	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, COMPLETE IN PLACE	EA	5	\$5,200.00	\$26,000.00	\$5,503.82	\$27,519.10	\$6,179.00	\$30,895.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2744	\$1.00	\$2,744.00	\$1.16	\$3,183.04	\$1.00	\$2,744.00
9	DEWATERING PER LF OF ROW (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), QUANTITY PER LF OF ROW, COMPLETE IN PLACE	LF	2744	\$1.00	\$2,744.00	\$23.84	\$65,416.96	\$31.00	\$85,064.00
10	ADDITIONAL COST FOR MODIFIED "A-A" BEDDING FOR WET SAND CONSTRUCTION, COMPLETE IN PLACE	LF	2744	\$1.00	\$2,744.00	\$10.86	\$29,799.84	\$13.00	\$35,672.00
11	UTILITY SPOIL TO BE HAULED, SPREAD, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	4465	\$7.30	\$32,594.50	\$7.70	\$34,380.50	\$4.00	\$17,860.00
12	STORMWATER POLLUTION PREVENTION PLAN, INCLUDES CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$3,100.00	\$3,100.00	\$3,286.30	\$3,286.30	\$3,250.00	\$3,250.00
13	METHOD "A" FULL CONSTRUCTION STAKING FOR WS&D CONSTRUCTION, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$3,286.30	\$3,286.30	\$2,500.00	\$2,500.00
14	V-BOTTOM SWALE WITH 4:1 SIDE SLOPES, ONLY AS NEEDED FOR INTERIM GRADING, COMPLETE IN PLACE	LF	200	\$9.30	\$1,860.00	\$9.81	\$1,962.00	\$4.00	\$800.00
DRAINAGE FACILITIES - RED CREEK CIRCLE (JLW TO BT) – MAGNOLIA EAST MUD ITEMS SUB1					\$525,734.50		\$643,868.74		\$806,415.00
WATER JORDAN LEWIS WAY – MAGNOLIA EAST MUD ITEMS: WL & FH									
1	16" WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	423	\$89.00	\$37,647.00	\$93.98	\$39,753.54	\$103.00	\$43,569.00
2	16" WATER PIPE, RESTRAINED JOINT, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	252	\$76.00	\$19,152.00	\$79.95	\$20,147.40	\$93.00	\$23,436.00
3	FIRE HYDRANT UNIT ON EXISTING 16" WATERLINE, ALL DEPTHS, TO INCLUDE APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL AND TRENCH SAFETY, COMPLETE IN PLACE	EA	4	\$10,000.00	\$40,000.00	\$10,522.24	\$42,088.96	\$9,888.00	\$39,552.00
4	16" AWWA BUTTERFLY VALVE & BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$4,400.00	\$4,400.00	\$4,682.48	\$4,682.48	\$4,904.00	\$4,904.00
5	REMOVE EXISTING 16" WATERLINE, COMPLETE IN PLACE	LF	947	\$11.00	\$10,417.00	\$11.71	\$11,089.37	\$17.00	\$16,099.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	675	\$0.50	\$337.50	\$0.53	\$357.75	\$1.00	\$675.00
7	ADDITIONAL CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	0.5	\$6,990.00	\$3,495.00	\$7,372.74	\$3,686.37	\$1,250.00	\$625.00
8	UTILITY SPOIL TO BE HAULED, SPREAD, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	361	\$7.60	\$2,743.60	\$0.53	\$191.33	\$4.00	\$1,444.00
9	FLUSHING VALVE TO BE REMOVED, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$7,372.74	\$7,372.74	\$378.00	\$378.00
10	FIRE HYDRANT UNIT ON PROPOSED 16" WATERLINE, ALL DEPTHS, TO INCLUDE APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL AND TRENCH SAFETY, COMPLETE IN PLACE	EA	2	\$5,000.00	\$10,000.00	\$5,297.51	\$10,595.02	\$2,158.00	\$4,316.00
11	METHOD "A" FULL CONSTRUCTION STAKING, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$750.00	\$750.00	\$791.07	\$791.07	\$750.00	\$750.00
WATER JORDAN LEWIS WAY – MAGNOLIA EAST MUD ITEMS: WL & FH SUBTOTAL:					\$129,092.10		\$140,756.03		\$135,748.00
DRAINAGE FACILITIES JORDAN LEWIS WAY – MAGNOLIA EAST MUD ITEMS									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	218	\$62.00	\$13,516.00	\$65.82	\$14,348.76	\$86.00	\$18,748.00

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 DETENTION AND TRAFFIC SIGNAL TO SERVE MAGNOLIA PLACE PHASE I
 MAGNOLIA EAST MUNICIPAL UTILITY DISTRICT
 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
 APRIL 1, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 APRIL 1, 2021
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ITEM	DESCRIPTION	UNIT	QTY	1) JOSLIN CONSTRUCTION		2) JOERIS GENERAL CONTRACTORS		3) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	224	\$117.00	\$26,208.00	\$123.20	\$27,596.80	\$144.00	\$32,256.00
3	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	212	\$144.00	\$30,528.00	\$151.78	\$32,177.36	\$185.00	\$39,220.00
4	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	750	\$160.00	\$120,000.00	\$167.60	\$125,700.00	\$218.00	\$163,500.00
5	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	191	\$209.00	\$39,919.00	\$220.44	\$42,104.04	\$296.00	\$56,536.00
6	STAGE I - STANDARD 5' PRECAST INLET ("H-2"), COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$1,214.55	\$1,214.55	\$1,947.00	\$1,947.00
7	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,042.63	\$1,042.63	\$2,059.00	\$2,059.00
8	JUNCTION BOX WITH TYPE "A" GRATE INLET, COMPLETE IN PLACE	EA	8	\$3,400.00	\$27,200.00	\$3,592.81	\$28,742.48	\$13,679.00	\$109,432.00
9	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, COMPLETE IN PLACE	EA	1	\$3,080.00	\$3,080.00	\$3,249.60	\$3,249.60	\$4,176.00	\$4,176.00
10	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND LARGER, COMPLETE IN PLACE	EA	6	\$5,560.00	\$33,360.00	\$5,864.23	\$35,185.38	\$6,179.00	\$37,074.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1595	\$1.00	\$1,595.00	\$1.16	\$1,850.20	\$1.00	\$1,595.00
12	UTILITY SPOIL TO BE HAULED, SPREAD, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	3004	\$7.40	\$22,229.60	\$7.81	\$23,461.24	\$4.00	\$12,016.00
13	STAGE II INLET PROTECTION BARRIER ON EXISTING INLET, COMPLETE IN PLACE	EA	9	\$65.00	\$585.00	\$72.99	\$656.91	\$75.00	\$675.00
14	METHOD "A" FULL CONSTRUCTION STAKING FOR WS&D CONSTRUCTION, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$1,600.00	\$1,600.00	\$1,687.61	\$1,687.61	\$1,600.00	\$1,600.00
DRAINAGE FACILITIES JORDAN LEWIS WAY – MAGNOLIA EAST MUD ITEMS SUBTOTAL:					\$322,020.60		\$339,017.56		\$480,834.00

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ITEM	DESCRIPTION	UNIT	QTY	1) JOSLIN CONSTRUCTION		2) JOERIS GENERAL CONTRACTORS		3) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DETENTION POND ITEMS – MAGNOLIA EAST MUD									
1	EXCAVATION FOR DETENTION POND, INCLUDES SITE PREP, HAULING TO ADJACENT SITE, PLACEMENT IN MAXIMUM 8-INCH LIFTS, MANIPULATION, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	160550	\$6.62	\$1,062,841.00	\$6.36	\$1,021,098.00	\$6.00	\$963,300.00
2	HYDROMULCH SEEDING OF BOTTOM AND SIDE SLOPES, UP	AC	7.5	\$2,900.00	\$21,750.00	\$3,251.81	\$24,388.58	\$3,720.00	\$27,900.00
3	BROADCAST SEEDING OF SPOIL SITE/ FILL AREA, COMPLETE IN PLACE	AC	20	\$800.00	\$16,000.00	\$869.43	\$17,388.60	\$938.00	\$18,760.00
4	DRAINAGE SWALES FOR SPOIL SITE/ FILL AREA, COMPLETE IN PLACE	LS	1	\$9,000.00	\$9,000.00	\$9,815.87	\$9,815.87	\$10,749.00	\$10,749.00
5	OUTFALL STRUCTURE FOR 7 X 5 RCB, INCLUDES 4" THICK REINFORCED SLOPE PAVING, 18" TOE ON ALL SIDES, AND CRUSHED CONCRETE STONE RIP RAP, ALL SIDES, COMPLETE IN PLACE	EA	1	\$21,400.00	\$21,400.00	\$22,583.89	\$22,583.89	\$8,758.00	\$8,758.00
6	REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	2300	\$1.35	\$3,105.00	\$1.42	\$3,266.00	\$2.00	\$4,600.00
7	METHOD "A" CONSTRUCTION STAKING FOR DETENTION POND EXCAVATION (PHASE 1), COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$10,800.00	\$10,800.00	\$11,391.36	\$11,391.36	\$10,800.00	\$10,800.00
8	TYPE "C" MANHOLE FOR 42" AND SMALLER PIPE, COMPLETE IN PLACE	EA	1	\$2,900.00	\$2,900.00	\$3,057.95	\$3,057.95	\$4,176.00	\$4,176.00
9	30" R.C.P FOR OUTFALL, COMPLETE IN PLACE	LF	104	\$78.00	\$8,112.00	\$82.90	\$8,621.60	\$111.00	\$11,544.00
10	SAFETY / SLOPE END TREATMENT FOR 30" STORM SEWER PIPE, COMPLETE IN PLACE	EA	1	\$2,800.00	\$2,800.00	\$2,992.45	\$2,992.45	\$2,370.00	\$2,370.00
11	BACKSLOPE SWALE, INCLUDES EXCAVATION, HAULING, GRADING, AND HYDROMULCH SEEDING, COMPLETE IN PLACE	LF	1566	\$7.80	\$12,214.80	\$8.23	\$12,888.18	\$4.00	\$6,264.00
12	OUTFALL STRUCTURE FOR 30" RCP STRUCTURE, INCLUDES SLOPE PAVING, WITH 18" TOE ALL AROUND AND CRUSHED STONE RIP RAP ALL SIDES, COMPLETE IN PLACE	EA	2	\$9,100.00	\$18,200.00	\$9,632.13	\$19,264.26	\$10,034.00	\$20,068.00
13	CONTROL OF GROUNDWATER FOR CONSTRUCTION, INCLUDES ANY AND ALL METHODS OF DEWATERING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$12,000.00	\$12,000.00	\$13,687.56	\$13,687.56	\$36,810.00	\$36,810.00
DETENTION POND ITEMS – MAGNOLIA EAST MUD SUBTOTAL:					\$1,201,122.80		\$1,170,444.30		\$1,126,099.00
STORM SEWER ITEMS - FM 1488 & SPUR 149 - MAGNOLIA EAST MUD (SHARED)									
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR, PRICING PER GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$4,475.00	\$4,475.00	\$4,720.03	\$4,720.03	\$4,475.00	\$4,475.00
2	DUAL 18" R.C.P. STORM SEWER, ASTM C-76, CLASS III, TO BE CONNECTED TO EXIST DUAL 18" ON SPUR 149, AND EXTENDED INTO PROPOSED CONCRETE CHANNEL, ALL DEPTHS, INCLUDING BEDDING & CEMENT STABILIZED SAND BACKFILL, AND CUTTING 18" RCP'S WITH SIDESLOPE OF PROPOSED CONCRETE CHANNEL, COMPLETE IN PLACE	LF	42	\$65.00	\$2,730.00	\$67.82	\$2,848.44	\$156.00	\$6,552.00
3	24" RCP STORM SEWER, ASTM C-76, CLASS III (ALL DEPTHS) INCLUDING BEDDING & CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	1061	\$68.00	\$72,148.00	\$71.62	\$75,988.82	\$85.00	\$90,185.00
4	36" RCP STORM SEWER, ASTM C-76, CLASS III (ALL DEPTHS) INCLUDING BEDDING & CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	335	\$109.00	\$36,515.00	\$115.07	\$38,548.45	\$144.00	\$48,240.00
5	4' X 3' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, FROM INLET S1494 TO LIFT STATION, INCLUDING BEDDING AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	18	\$244.00	\$4,392.00	\$257.57	\$4,636.26	\$293.00	\$5,274.00
6	DUAL 4' X 2' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, CROSSING SPUR 149 JUST SOUTH OF FM 1488, INCLUDES BEDDING AND CEMENT STABILIZED SAND BACKFILL AND CUTTING WEST END OF REINFORCED CONCRETE BOX CULVERTS WITH SIDESLOPE OF PROPOSED CONCRETE CHANNEL, AND CUTTING EAST ENDS WITH EXISTING DITCH SIDESLOPE, COMPLETE IN PLACE	LF	88	\$407.00	\$35,816.00	\$429.60	\$37,804.80	\$587.00	\$51,656.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES, PAVING AND APPURTENANCES,
 DETENTION AND TRAFFIC SIGNAL TO SERVE MAGNOLIA PLACE PHASE I
 MAGNOLIA EAST MUNICIPAL UTILITY DISTRICT
 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
 APRIL 1, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 APRIL 1, 2021
 2559-1901 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) JOSLIN CONSTRUCTION		2) JOERIS GENERAL CONTRACTORS		3) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	5' X 3' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, FROM 'X' INLET S1494 TO PROPOSED CONCRETE CHANNEL, INCLUDES BEDDING AND CEMENT STABILIZED SAND BACKFILL AND CUTTING REINFORCED CONCRETE BOX CULVERT WITH SIDESLOPE OF PROPOSED CONCRETE CHANNEL, COMPLETE IN PLACE	LF	149	\$288.00	\$42,912.00	\$304.61	\$45,386.89	\$359.00	\$53,491.00
8	DUAL 4' X 2' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, CROSSING SPUR 149 AT INTERSECTION WITH FM 1488, INCLUDES BEDDING AND CEMENT STABILIZED SAND BACKFILL, REMOVING EXISTING SAFETY END TREATMENTS (ON WEST END), CONNECTING NEW DUAL RCB'S WITH EXIST DUAL RCB'S AND THEN REINSTALLING THE EXISTING SAFETY END TREATMENTS, COMPLETE IN PLACE	LF	24	\$479.00	\$11,496.00	\$505.54	\$12,132.96	\$521.00	\$12,504.00
9	TYPE 'E' INLET, PER TXDOT REQUIREMENTS, OPEN ON ALL SIDES, COMPLETE IN PLACE	EA	4	\$3,100.00	\$12,400.00	\$3,279.87	\$13,119.48	\$5,521.00	\$22,084.00
10	TYPE 'C' MANHOLE FOR 42" STORM SEWER AND SMALLER, PER TXDOT REQUIREMENTS, COMPLETE IN PLACE	EA	3	\$3,500.00	\$10,500.00	\$3,782.56	\$11,347.68	\$4,174.00	\$12,522.00
11	ROADSIDE DITCH WITH MAXIMUM 3:1 SIDESLOPES ALONG SPUR 149, INCLUDING HYDROMULCH BETWEEN PAVING AND RIGHT OF WAY, COMPLETE IN PLACE	LF	957	\$12.00	\$11,484.00	\$13.29	\$12,718.53	\$8.00	\$7,656.00
12	OPEN CUT OF ROAD FOR 4' X 2' REINFORCED CONCRETE BOX STORM SEWER INSTALLATION (FOR ITEM NO. 6 ABOVE), INCLUDES SAWCUT AND REMOVAL AND REPLACEMENT OF EXISTING ASPHALT, BASE AND SUBGRADE, AS REQUIRED FOR CONSTRUCTION, COMPLETE IN PLACE	EA	1	\$24,000.00	\$24,000.00	\$25,953.21	\$25,953.21	\$8,249.00	\$8,249.00
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1544	\$1.00	\$1,544.00	\$1.16	\$1,791.04	\$1.00	\$1,544.00
14	6:1 REINFORCED CONCRETE SAFETY END TREATMENTS, WITH HORIZONTAL BARS, FOR (STREET TIE 3) 36" RCP STORM SEWER, COMPLETE IN PLACE	EA	2	\$3,800.00	\$7,600.00	\$4,046.99	\$8,093.98	\$4,165.00	\$8,330.00
15	REINFORCED FILTER FABRIC FENCE IN ACCORDANCE WITH SWMHCA SPECIFICATION NO. 4311, COMPLETE IN PLACE	LF	5600	\$1.35	\$7,560.00	\$1.42	\$7,952.00	\$2.00	\$11,200.00
16	REMOVE AND LEGALLY DISPOSE OF APPROXIMATELY 260 SY OF EXISTING CONCRETE DRIVEWAY (INCLUDING BASE AND SUBGRADE) AND APPROXIMATELY 84 LF OF DUAL 4' X 2' REINFORCED CONCRETE BOX SEWER AND SAFETY END TREATMENTS ASSOCIATED WITH SAID DRIVEWAY OFF OF FM 1488, AT THE NE CORNER OF THE FM 1488 AND SPUR 149 PROPERTY, COMPLETE IN PLACE	LS	1	\$12,000.00	\$12,000.00	\$13,289.71	\$13,289.71	\$6,343.00	\$6,343.00
17	REMOVE AND LEGALLY DISPOSE OF APPROXIMATELY 110 SY OF EXISTING CONCRETE DRIVEWAY (INCLUDING BASE AND SUBGRADE) AND APPROXIMATELY 70 LF OF 18" RCP STORM SEWER AND SAFETY END TREATMENTS ASSOCIATED WITH SAID DRIVEWAY OFF OF SPUR 149, AT THE NE CORNER OF THE FM 1488 AND SPUR 149 PROPERTY, COMPLETE IN PLACE	LS	1	\$6,500.00	\$6,500.00	\$7,377.91	\$7,377.91	\$4,026.00	\$4,026.00
18	REMOVE AND LEGALLY DISPOSE OF APPROXIMATELY 100 SY OF EXISTING GRAVEL DRIVEWAY AND APPROXIMATELY 55 LF OF 18" HDPE STORM SEWER AND SAFETY END TREATMENTS ASSOCIATED WITH SAID DRIVEWAY OFF OF SPUR 149, AT THE SE CORNER OF THE HEB PROPERTY, COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$3,358.55	\$3,358.55	\$3,352.00	\$3,352.00
19	REMOVE AND LEGALLY DISPOSE OF ALL FENCES AND GATES IN THE WAY OF THE PROP WORK, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LS	1	\$4,800.00	\$4,800.00	\$5,398.77	\$5,398.77	\$5,860.00	\$5,860.00
20	REMOVE AND LEGALLY DISPOSE OF APPROXIMATELY 25 LF OF 5' WIDE CONCRETE SIDEWALK AND RAMP, LOCATED AT THE SOUTHEAST QUADRANT OF THE INTERSECTION OF FM 1488 AND SPUR 149, COMPLETE IN PLACE	LS	1	\$1,200.00	\$1,200.00	\$1,368.86	\$1,368.86	\$425.00	\$425.00
21	STORMWATER POLLUTION PREVENTION PLAN COMPLETE, INCLUDING CONTRACTOR'S BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$900.00	\$900.00	\$967.95	\$967.95	\$3,250.00	\$3,250.00
22	INSTALLATION AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4771 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,582.13	\$1,582.13	\$1,500.00	\$1,500.00
23	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE WASHOUT, COMPLETE IN PLACE	EA	1	\$1,300.00	\$1,300.00	\$1,411.58	\$1,411.58	\$813.00	\$813.00
24	DEWATERING OF RIGHT OF WAY (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1544	\$25.00	\$38,600.00	\$26.37	\$40,715.28	\$31.00	\$47,864.00
25	CEMENT STABILIZED SAND, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$20.00	\$10,000.00	\$21.10	\$10,550.00	\$20.00	\$10,000.00

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 MAGNOLIA EAST MUNICIPAL UTILITY DISTRICT
 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
 APRIL 1, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 APRIL 1, 2021
 2559-1901 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) JOSLIN CONSTRUCTION		2) JOERIS GENERAL CONTRACTORS		3) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
26	HYDROMULCH SEEDING, FINE GRADING AND WATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1.5	\$1,000.00	\$1,500.00	\$1,054.76	\$1,582.14	\$4,518.00	\$6,777.00
27	ADDITIONAL 6" LIME/FLY-ASH STABILIZED SUBGRADE TO BE USED FOR UNSTABLE SOIL CONDITIONS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	1000	\$3.90	\$3,900.00	\$4.11	\$4,110.00	\$7.00	\$7,000.00
28	ADDITIONAL TRU BLN LIM/FLY ASH MIXTURE FOR SUBGRADE PREPARATION (2% LIME BY WEIGHT, 10 LB/SY AND 8% FLY ASH BY WEIGHT, 40 LB/SY), TO BE USED FOR UNSTABLE SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	TON	50	\$150.00	\$7,500.00	\$162.33	\$8,116.50	\$244.00	\$12,200.00
STORM SEWER ITEMS - FM 1488 & SPUR 149 - MAGNOLIA EAST MUD (SHARED) SUBTOTAL:					\$378,272.00	\$402,871.95		\$453,372.00	
PAVING ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (SHARED)									
1	2" HOT MIX ASPHALT CONCRETE WITH 8" CRUSHED CONCRETE STONE BASE AND 6" LIME/FLY-ASH STABILIZED SUBGRADE, COMPLETE IN PLACE	SY	3468	\$34.00	\$117,912.00	\$36.18	\$125,472.24	\$46.00	\$159,528.00
2	SAWCUT EXISTING ASPHALT PAVEMENT 2" INSIDE EDGE OF EXISTING PAVEMENT EDGE FOR CLEAN CONNECTION, COMPLETE IN PLACE	LF	1650	\$9.00	\$14,850.00	\$9.39	\$15,493.50	\$3.00	\$4,950.00
3	2" HOT MIX ASPHALT CONCRETE OVERLAY OF EXISTING ASPHALT, INCLUDES TAC COAT AND ALL APPURTENANCES, COMPLETE IN PLACE	SY	4490	\$12.00	\$53,880.00	\$12.76	\$57,292.40	\$17.00	\$76,330.00
4	10" REINFORCED CONCRETE PAVING, INCLUDES DOWELLING INTO EXISTING CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	2919	\$81.00	\$236,439.00	\$85.12	\$248,465.28	\$111.00	\$324,009.00
5	1" ASPHALT STABILIZED BASE, AS PER TXDOT SPECIFICATIONS, COMPLETE IN PLACE	SY	2919	\$10.00	\$29,190.00	\$10.34	\$30,182.46	\$8.00	\$23,352.00
6	6" PORTLAND CEMENT TREATED BASE AS PER TXDOT SPECIFICATIONS, COMPLETE IN PLACE	SY	2919	\$19.00	\$55,461.00	\$20.04	\$58,496.76	\$20.00	\$58,380.00
7	6" LIME/FLY-ASH STABILIZED SUBGRADE FOR CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	3336	\$6.30	\$21,016.80	\$6.64	\$22,151.04	\$4.00	\$13,344.00
8	TRU BLN LIME/FLY ASH MIXTURE FOR CONCRETE PAVEMENT SUBGRADE PREPARATION (2% LIME BY WEIGHT, 12 LB/SY AND 8% FLY-ASH BY WEIGHT, 36 LB/SY), QUANTITY TO BE PAID ONLY FOR FIELD LAB RECOMMENDED QUANTITY, COMPLETE IN PLACE	TON	62	\$150.00	\$9,300.00	\$162.33	\$10,064.46	\$244.00	\$15,128.00
9	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, STREET SIGNS, STOP SIGNS, PAVEMENT STRIPING, MARKERS, ETC., INCLUDES REMOVAL AND REPLACEMENT OF EXISTING SIGNS, COMPLETE IN PLACE	LS	1	\$9,000.00	\$9,000.00	\$9,853.00	\$9,853.00	\$6,875.00	\$6,875.00
10	TEMPORARY TRAFFIC CONTROL AS REQUIRED FOR CONSTRUCTION, INCLUDES BUTTONS, SIGNS, STRIPING, MARKERS, BARRELS, FLAGMEN AND ANY OTHER TRAFFIC CONTROL MEASURES REQUIRED, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$10,938.02	\$10,938.02	\$13,750.00	\$13,750.00
11	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	105	\$8.00	\$840.00	\$8.44	\$886.20	\$4.00	\$420.00
12	CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	215	\$10.00	\$2,150.00	\$10.55	\$2,268.25	\$25.00	\$5,375.00
13	TYPE III BARRICADE, COMPLETE IN PLACE	EA	5	\$900.00	\$4,500.00	\$1,014.25	\$5,071.25	\$1,063.00	\$5,315.00
14	6" REINFORCED CONCRETE PAVEMENT OUTSIDE TXDOT ROW TO END RETURN, COMPLETE IN PLACE	SY	215	\$59.00	\$12,685.00	\$61.70	\$13,265.50	\$49.00	\$10,535.00
15	METHOD "A" FULL CONSTRUCTION STAKING, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$2,636.89	\$2,636.89	\$2,500.00	\$2,500.00
PAVING ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (SHARED) SUBTOTAL:					\$579,723.80	\$612,537.25		\$719,791.00	
STORM SEWER & WATER ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (H.E.B.)									
1	DETENTION POND EXCAVATION & FINAL GRADING, INCLUDES HAUL WITHIN 1 MILE OF SITE, SITE PREP, PLACEMENT IN MAXIMUM 8" LIFTS, MANIPULATION, PROOFROLLING, AND COMPACTION TO 95% PROCTOR DENSITY, PER DETENTION POND PLANS, COMPLETE IN PLACE	CY	13010	\$6.00	\$78,060.00	\$4.43	\$57,634.30	\$5.00	\$65,050.00

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 DETENTION AND TRAFFIC SIGNAL TO SERVE MAGNOLIA PLACE PHASE I
 MAGNOLIA EAST MUNICIPAL UTILITY DISTRICT
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ITEM	DESCRIPTION	UNIT	QTY	1) JOSLIN CONSTRUCTION		2) JOERIS GENERAL CONTRACTORS		3) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	INSTALLATION OF PARK USA 120 GPM LIFT STATION, NON-CLOG PUMP ASSEMBLY (PARK DRAWING NUMBER WW72SQ-NCS2), BEING SHEET NO. 05B OF PROJECT DRAWINGS, INCLUDING TRENCH SAFETY, EXTENSION OF POWER, VALVES, CONNECTION TO ADJUST PIPING, DUAL PUMPS WITH TIMING SWITCH FOR PUMPS TO ALTERNATE EVERY HOUR, COMPLETE IN PLACE	LS	1	\$85,000.00	\$85,000.00	\$92,092.27	\$92,092.27	\$116,447.00	\$116,447.00
3	6" THICK SLOPE PAVING FOR 35' WIDE BOTTOM CONCRETE CHANNEL WITH 18" TOEWALLS, PER DETAIL SHEET 05, COMPLETE IN PLACE	SY	1900	\$60.00	\$114,000.00	\$74.18	\$140,942.00	\$161.00	\$305,900.00
4	4' X 3' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, FROM DETENTION POND TO LIFT STATION, INCLUDES CUTTING BOX SEWER WITH POND SIDESLOPE, OUTFALL, SLOPE PAVING, BEDDING AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	44	\$240.00	\$10,560.00	\$255.15	\$11,226.60	\$313.00	\$13,772.00
5	35' WIDE BOTTOM CHANNEL EXCAVATION, INCLUDES HAULING, PLACEMENT AND COMPACTION TO 95% PROCTOR DENSITY IN MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	145	\$12.00	\$1,740.00	\$13.50	\$1,957.50	\$5.00	\$725.00
6	HYDROMULCH AND WATERING OF DETENTION POND, BOTTOM AND SIDE SLOPES, COMPLETE IN PLACE	AC	1.2	\$4,500.00	\$5,400.00	\$5,131.28	\$6,157.54	\$4,917.00	\$5,900.40
7	4" FORCE MAIN, C900 DR18, COMPLETE IN PLACE	LF	435	\$24.00	\$10,440.00	\$25.53	\$11,105.55	\$25.00	\$10,875.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	603	\$1.00	\$603.00	\$1.16	\$699.48	\$1.00	\$603.00
9	DUAL 4' X 2' REINFORCED CONCRETE BOX CULVERT (AT PROPOSED DRIVEWAY B), ASTM C-1433, INCLUDES BEDDING AND CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	LF	62	\$380.00	\$23,560.00	\$401.86	\$24,915.32	\$533.00	\$33,046.00
10	6:1 REINFORCED CONCRETE SAFETY END TREATMENTS, WITH HORIZONTAL BARS, FOR (DRIVEWAY B) 4' X 2' REINFORCED CONCRETE BOX CULVERTS, INCLUDES BEDDING AND CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	EA	4	\$6,000.00	\$24,000.00	\$6,321.78	\$25,287.12	\$7,278.00	\$29,112.00
11	16" WATERLINE, C-905, DR-18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	150	\$74.00	\$11,100.00	\$78.16	\$11,724.00	\$85.00	\$12,750.00
12	16" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$634.33	\$634.33	\$674.00	\$674.00
13	2" BLOW OFF VALVE ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	1	\$740.00	\$740.00	\$782.73	\$782.73	\$978.00	\$978.00
14	WET CONNECT FOR 16" WATER LINE, COMPLETE IN PLACE	EA	1	\$1,350.00	\$1,350.00	\$1,475.39	\$1,475.39	\$1,641.00	\$1,641.00
15	METHOD "A" FULL CONSTRUCTION STAKING, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$750.00	\$750.00	\$791.07	\$791.07	\$750.00	\$750.00
STORM SEWER & WATER ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (H.E.B.) SUBTOTA					\$367,903.00		\$387,425.20		\$598,223.40
PAVING ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (H.E.B.)									
1	2" HOT MIX ASPHALT CONCRETE WITH 8" CRUSHED CONCRETE STONE BASE AND 6" LIME/FLY-ASH STABILIZED SUBGRADE, COMPLETE IN PLACE	SY	731	\$41.00	\$29,971.00	\$43.14	\$31,535.34	\$57.00	\$41,667.00
2	10" REINFORCED CONCRETE PAVING, INCLUDES DOWELLING INTO EXISTING CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	720	\$88.00	\$63,360.00	\$93.24	\$67,132.80	\$129.00	\$92,880.00
3	1" ASPHALT STABILIZED BASE, AS PER TXDOT SPECIFICATIONS, COMPLETE IN PLACE	SY	720	\$10.00	\$7,200.00	\$10.44	\$7,516.80	\$8.00	\$5,760.00
4	6" PORTLAND CEMENT TREATED BASE AS PER TXDOT SPECIFICATIONS, COMPLETE IN PLACE	SY	720	\$20.00	\$14,400.00	\$21.62	\$15,566.40	\$21.00	\$15,120.00
5	6" LIME/FLY-ASH STABILIZED SUBGRADE FOR CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	815	\$8.00	\$6,520.00	\$8.65	\$7,049.75	\$4.00	\$3,260.00
6	TRU BLN LIME/FLY ASH MIXTURE FOR CONCRETE PAVEMENT SUBGRADE PREPARATION (2% LIME BY WEIGHT, 12 LB/SY AND 8% FLY-ASH BY WEIGHT, 36 LB/SY), QUANTITY TO BE PAID ONLY FOR FIELD LAB RECOMMENDED QUANTITY, COMPLETE IN PLACE	TON	20	\$150.00	\$3,000.00	\$162.38	\$3,247.60	\$244.00	\$4,880.00
7	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, STREET SIGNS, STOP SIGNS, PAVEMENT STRIPING, MARKERS, ETC., INCLUDES REMOVAL AND REPLACEMENT OF EXISTING SIGNS, COMPLETE IN PLACE	LS	1	\$12,500.00	\$12,500.00	\$13,678.28	\$13,678.28	\$6,875.00	\$6,875.00

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 DETENTION AND TRAFFIC SIGNAL TO SERVE MAGNOLIA PLACE PHASE I
 MAGNOLIA EAST MUNICIPAL UTILITY DISTRICT
 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
 APRIL 1, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 APRIL 1, 2021
 2559-1901 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) JOSLIN CONSTRUCTION		2) JOERIS GENERAL CONTRACTORS		3) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	TEMPORARY TRAFFIC CONTROL AS REQUIRED FOR CONSTRUCTION, INCLUDES BUTTONS, SIGNS, STRIPING, MARKERS, BARRELS, FLAGMEN AND ANY OTHER TRAFFIC CONTROL MEASURES REQUIRED, COMPLETE IN PLACE	LS	1	\$900.00	\$900.00	\$9,815.17	\$9,815.17	\$13,750.00	\$13,750.00
9	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	190	\$5.00	\$950.00	\$5.59	\$1,062.10	\$4.00	\$760.00
10	CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	33	\$11.00	\$363.00	\$12.34	\$407.22	\$25.00	\$825.00
11	TYPE 3 BARRICADE, COMPLETE IN PLACE	EA	2	\$900.00	\$1,800.00	\$1,014.25	\$2,028.50	\$1,063.00	\$2,126.00
12	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	200	\$60.00	\$12,000.00	\$64.55	\$12,910.00	\$76.00	\$15,200.00
13	6" CONCRETE DIVERTER ISLAND, INCLUDES CURB AND CONCRETE, COMPLETE IN PLACE	LS	1	\$3,400.00	\$3,400.00	\$3,668.54	\$3,668.54	\$3,245.00	\$3,245.00
14	METHOD "A" FULL CONSTRUCTION STAKING, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$1,800.00	\$1,800.00	\$1,898.56	\$1,898.56	\$1,800.00	\$1,800.00
PAVING ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (H.E.B.) SUBTOTAL:					\$158,164.00		\$177,517.06		\$208,148.00
STORM SEWER ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (MAGNOLIA EAST 149)									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III (ALL DEPTHS), INCLUDES BEDDING AND CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	63	\$61.00	\$3,843.00	\$64.16	\$4,042.08	\$85.00	\$5,355.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III (ALL DEPTHS), INCLUDES BEDDING AND CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	63	\$75.00	\$4,725.00	\$80.06	\$5,043.78	\$112.00	\$7,056.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III (ALL DEPTHS), INCLUDES BEDDING AND CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	118	\$104.00	\$12,272.00	\$109.80	\$12,956.40	\$145.00	\$17,110.00
4	6:1 REINFORCED CONCRETE SAFETY END TREATMENTS, WITH HORIZONTAL BARS, FOR (DRIVES C, D AND E) RCP CULVERTS (ALL SIZES), COMPLETE IN PLACE	EA	6	\$2,400.00	\$14,400.00	\$2,506.73	\$15,040.38	\$4,165.00	\$24,990.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	189	\$1.00	\$189.00	\$1.16	\$219.24	\$1.00	\$189.00
6	METHOD "A" FULL CONSTRUCTION STAKING, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$750.00	\$750.00	\$791.07	\$791.07	\$750.00	\$750.00
STORM SEWER ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (MAGNOLIA EAST 149) SUB:					\$36,179.00		\$38,092.95		\$55,450.00
PAVING ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (MAGNOLIA EAST 149)									
1	10" REINFORCED CONCRETE PAVING, INCLUDES DOWELLING INTO EXISTING CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	444	\$91.00	\$40,404.00	\$96.72	\$42,943.68	\$120.00	\$53,280.00
2	6" LIME/FLY-ASH STABILIZED SUBGRADE FOR CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	526	\$12.00	\$6,312.00	\$12.76	\$6,711.76	\$6.00	\$3,156.00
3	1" ASPHALT STABILIZED BASE, AS PER TXDOT SPECIFICATIONS, COMPLETE IN PLACE	SY	526	\$14.00	\$7,364.00	\$15.29	\$8,042.54	\$8.00	\$4,208.00
4	6" PORTLAND CEMENT TREATED BASE AS PER TXDOT SPECIFICATIONS, COMPLETE IN PLACE	SY	526	\$22.00	\$11,572.00	\$23.52	\$12,371.52	\$23.00	\$12,098.00
5	TRU BLN LIME/FLY ASH MIXTURE FOR CONCRETE PAVEMENT SUBGRADE PREPARATION (2% LIME BY WEIGHT, 12 LB/SY AND 8% FLY-ASH BY WEIGHT, 36 LB/SY), QUANTITY TO BE PAID ONLY FOR FIELD LAB RECOMMENDED QUANTITY, COMPLETE IN PLACE	TON	13	\$150.00	\$1,950.00	\$162.33	\$2,110.29	\$244.00	\$3,172.00

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 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, STREET SIGNS, STOP SIGNS, PAVEMENT STRIPING, MARKERS, ETC., INCLUDES REMOVAL AND REPLACEMENT OF EXISTING SIGNS, COMPLETE IN PLACE	LS	1	\$3,500.00	\$3,500.00	\$3,825.28	\$3,825.28	\$6,875.00	\$6,875.00
7	TEMPORARY TRAFFIC CONTROL AS REQUIRED FOR CONSTRUCTION, INCLUDES BUTTONS, SIGNS, STRIPING, MARKERS, BARRELS, FLAGMEN AND ANY OTHER TRAFFIC CONTROL MEASURES REQUIRED, COMPLETE IN PLACE	LS	1	\$9,000.00	\$9,000.00	\$9,815.87	\$9,815.87	\$13,750.00	\$13,750.00
8	CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	109	\$11.00	\$1,199.00	\$12.24	\$1,334.16	\$25.00	\$2,725.00
9	TYPE III BARRICADE, COMPLETE IN PLACE	EA	3	\$900.00	\$2,700.00	\$1,500.00	\$4,500.00	\$1,063.00	\$3,189.00
10	METHOD "A" FULL CONSTRUCTION STAKING, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$1,800.00	\$1,800.00	\$1,898.56	\$1,898.56	\$1,800.00	\$1,800.00
PAVING ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (MAGNOLIA EAST 149) SUBTOTAL:					\$85,801.00		\$93,553.66		\$104,253.00
TRAFFIC SIGNAL ITEMS									
1	DRILL SHAFT (TRF SIG POLE) (48 IN), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0416 DESC CODE: 6034	LF	44	\$495.00	\$21,780.00	\$521.68	\$22,953.92	\$738.00	\$32,472.00
2	DRILL SHAFT (TRF SIG POLE) (36 IN), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0416 DESC CODE: 6032	LF	45	\$395.00	\$17,775.00	\$417.26	\$18,776.70	\$388.00	\$17,460.00
3	MOBILIZATION TXDOT ITEM: 0500 DESC CODE: 6001	EA	2	\$5,000.00	\$10,000.00	\$5,273.78	\$10,547.56	\$6,250.00	\$12,500.00
4	CONC SIDEWALKS (4"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0531 DESC CODE: 6001	SY	23	\$65.00	\$1,495.00	\$69.51	\$1,598.73	\$136.00	\$3,128.00
5	CURB RAMPS (TY 7), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0531 DESC CODE: 6010	EA	8	\$1,900.00	\$15,200.00	\$2,059.73	\$16,477.84	\$2,124.00	\$16,992.00
6	CONDT (PVC) (SCHD 80) (2"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0618 DESC CODE: 6046	LF	465	\$13.00	\$6,045.00	\$14.45	\$6,719.25	\$13.00	\$6,045.00
7	CONDT (PVC) (SCHD 80) (3"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0618 DESC CODE: 6053	LF	360	\$17.00	\$6,120.00	\$18.56	\$6,681.60	\$18.00	\$6,480.00
8	CONDT (PVC) (SCHD 80) (3") (BORE), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0618 DESC CODE: 6054	LF	340	\$24.00	\$8,160.00	\$25.53	\$8,680.20	\$25.00	\$8,500.00
9	CONDT (PVC) (SCHD 80) (4"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0618 DESC CODE: 6058	LF	115	\$28.00	\$3,220.00	\$30.17	\$3,469.55	\$30.00	\$3,450.00
10	CONDT (PVC) (SCHD 80) (4") (BORE), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0618 DESC CODE: 6034	LF	195	\$35.00	\$6,825.00	\$37.13	\$7,240.35	\$33.00	\$6,435.00
11	ELEC CONDR (NO. 6) BARE, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0620 DESC CODE: 6009	LF	1315	\$1.80	\$2,367.00	\$1.90	\$2,498.50	\$2.00	\$2,630.00
12	ELEC CONDR (NO. 4) BARE, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0620 DESC CODE: 6011	LF	40	\$1.90	\$76.00	\$2.00	\$80.00	\$2.00	\$80.00
13	ELEC CONDR (NO. 4) INSULATED, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0620 DESC CODE: 6012	LF	80	\$2.30	\$184.00	\$2.43	\$194.40	\$2.00	\$160.00
14	TRAY CABLE (4 CONDR) (12 AWG), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0621 DESC CODE: 6005	LF	1090	\$2.50	\$2,725.00	\$2.64	\$2,877.60	\$3.00	\$3,270.00
15	GROUND BOX TY D (162922) W/ APRON, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0624 DESC CODE: 6010	EA	10	\$1,370.00	\$13,700.00	\$1,449.02	\$14,490.20	\$1,313.00	\$13,130.00
16	ELC SRV TY D 120/240 060 (NS) SS (E) SP (O), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0628 DESC CODE: 6241	EA	1	\$8,200.00	\$8,200.00	\$8,693.82	\$8,693.82	\$6,875.00	\$6,875.00

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 MAGNOLIA EAST MUNICIPAL UTILITY DISTRICT
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 APRIL 1, 2021
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ITEM	DESCRIPTION	UNIT	QTY	1) JOSLIN CONSTRUCTION		2) JOERIS GENERAL CONTRACTORS		3) TLC CONSTRUCTION CONTRACT SERVICES	
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17	RELOCATE SM RD SN SUP&AM (SIGN ONLY), COMPLETE IN PLACE TXDOT ITEM: 0644 DESC CODE: 6075	EA	1	\$210.00	\$210.00	\$223.61	\$223.61	\$283.00	\$283.00
18	INSTALL HWY TRF SIG (SYSTEM), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0680 DESC CODE: 6003	EA	1	\$37,800.00	\$37,800.00	\$39,886.63	\$39,886.63	\$42,459.00	\$42,459.00
19	FURNISH AND INSTALL CONTROLLER FULL ACTUATED, ECONOLITE ETHERNET COBALT WITH INTENAL TIME BASED COORDINATOR, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	FURNISH AND INSTALL CONTROLLER BASE MOUNTED CABINET, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	CONFLIC MONITOR, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	FIELD MONITORING UNIT, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	FURNISH AND INSTALL ROD, 5/8" X 10" COPPER GROUND (CONTROLLER ONLY), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	FURNISH AND INSTALL POWER SUPPLY, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	DETECTOR CARD RACK, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
26	SIGN, "<< SPUR 149" (16X80)", IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
27	SIGN, "HERITAGE PL >>" (86"X16"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
28	FM 1488" (53"X16"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
29	"LEFT TURN YIELD ON GREEN", IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
30	SIGN, "SPUR 149" (60"X18"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
31	SIGN, "RED CREEK CIRCLE" (78"X18"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
32	LUMINAIRE ARM (8-FT), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
33	LED RDWY LUMINAIRE (250W H.P.S. EQUIVALENT), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
34	DAMPERS, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE. ITEM IS SUBSIDIARY TO ITEM NO. 18	EA	2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
35	BBU SUSTE, (EXTERNAL BATT CABINET), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 6058 DESC CODE: 6001	EA	2	\$8,200.00	\$16,400.00	\$8,693.82	\$17,387.64	\$8,563.00	\$17,126.00
36	REFL PAV MARK TY II (W) 4" (SLD), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0666 DESC CODE: 6170	LF	2604	\$0.40	\$1,041.60	\$0.42	\$1,093.68	\$0.31	\$807.24
37	REFL PAV MARK TY II (BLACK) 4" (SHADOW), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0666 DESC CODE: 6218	LF	470	\$0.40	\$188.00	\$0.42	\$197.40	\$3.00	\$1,410.00

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38	REFL PAV MARK TY II (W) 8" (SLD), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0666 DESC CODE: 6178	LF	673	\$0.90	\$605.70	\$0.95	\$639.35	\$1.00	\$673.00
39	REFL PAV MARK TY II (Y) 12" (SLD), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0666 DESC CODE: 6212	LF	459	\$2.40	\$1,101.60	\$2.53	\$1,161.27	\$3.00	\$1,377.00
40	REFL PAV MARK TY II (W) 24" (SLD), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0666 DESC CODE: 6182	LF	204	\$3.30	\$673.20	\$3.48	\$709.92	\$6.00	\$1,224.00
41	REFL PAV MARK TY II (Y) 4" (SLD), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0666 DESC CODE: 6207	LF	2851	\$0.40	\$1,140.40	\$0.42	\$1,197.42	\$0.31	\$883.81
42	REFL PAV MARK TY II (Y) 24" (SLD), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0666 DESC CODE: 6214	LF	118	\$3.30	\$389.40	\$3.48	\$410.64	\$6.00	\$708.00
43	PAVEMENT SEALER 4", IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0666 DESC CODE: 6224	LF	5925	\$0.03	\$177.75	\$0.03	\$177.75	\$0.25	\$1,481.25
44	PAVEMENT SEALER 8", IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0666 DESC CODE: 6225	LF	673	\$0.05	\$33.65	\$0.05	\$33.65	\$1.00	\$673.00
45	PAVEMENT SEALER 12", IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0666 DESC CODE: 6228	LF	459	\$0.10	\$45.90	\$0.11	\$50.49	\$1.00	\$459.00
46	PAVEMENT SEALER 24", IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0666 DESC CODE: 6230	LF	322	\$0.13	\$41.86	\$0.14	\$45.08	\$1.00	\$322.00
47	PAVEMENT SEALER (ARROW), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0666 DESC CODE: 6231	EA	4	\$2.70	\$10.80	\$2.85	\$11.40	\$31.00	\$124.00
48	PAVEMENT SEALER (WORD), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0666 DESC CODE: 6232	EA	4	\$2.70	\$10.80	\$2.85	\$11.40	\$31.00	\$124.00
49	PREFAB PAV MRK TY C (W) (ARROW), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0668 DESC CODE: 6077	EA	4	\$240.00	\$960.00	\$260.84	\$1,043.36	\$169.00	\$676.00
50	PREFAB PAV MRK TY C (W) (WORD), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0668 DESC CODE: 6085	EA	4	\$260.00	\$1,040.00	\$278.24	\$1,112.96	\$169.00	\$676.00
51	REFL PAV MRKR TY II-A-A, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0672 DESC CODE: 6009	EA	46	\$5.50	\$253.00	\$5.80	\$266.80	\$5.00	\$230.00
52	ELIM EXT PAV MRK & MRKS (4"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0677 DESC CODE: 6001	LF	4571	\$0.40	\$1,828.40	\$0.42	\$1,919.82	\$0.19	\$868.49
53	ELIM EXT PAV MRK & MRKS (8"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0677 DESC CODE: 6003	LF	468	\$0.70	\$327.60	\$0.74	\$346.32	\$0.38	\$177.84
54	ELIM EXT PAV MRK & MRKS (ARROW), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0677 DESC CODE: 6008	EA	2	\$38.50	\$77.00	\$40.61	\$81.22	\$25.00	\$50.00
55	ELIM EXT PAV MRK & MRKS (12"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0677 DESC CODE: 6005	LF	407	\$1.60	\$651.20	\$1.69	\$687.83	\$1.00	\$407.00
56	ELIM EXT PAV MRK & MRKS (24"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0677 DESC CODE: 6007	LF	120	\$3.30	\$396.00	\$3.48	\$417.60	\$1.00	\$120.00
57	ELIM EXT PAV MRK & MRKS (WORD), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0677 DESC CODE: 6012	EA	2	\$38.50	\$77.00	\$40.61	\$81.22	\$25.00	\$50.00
58	PAV SURF PREP FOR MRK (4"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0678 DESC CODE: 6001	LF	5925	\$0.02	\$118.50	\$0.02	\$118.50	\$0.05	\$296.25

BID TABULATION FOR:

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LJA JOB NO.

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES, PAVING AND APPURTENANCES,
 DETENTION AND TRAFFIC SIGNAL TO SERVE MAGNOLIA PLACE PHASE I
 MAGNOLIA EAST MUNICIPAL UTILITY DISTRICT
 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
 APRIL 1, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 APRIL 1, 2021
 2559-1901 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) JOSLIN CONSTRUCTION		2) JOERIS GENERAL CONTRACTORS		3) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
59	PAV SURF PREP FOR MRK (8"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0678 DESC CODE: 6004	LF	673	\$0.02	\$13.46	\$0.02	\$13.46	\$0.10	\$67.30
60	PAV SURF PREP FOR MRK (12"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0678 DESC CODE: 6006	LF	459	\$0.02	\$9.18	\$0.02	\$9.18	\$0.19	\$87.21
61	PAV SURF PREP FOR MRK (24"), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0678 DESC CODE: 6008	LF	322	\$0.02	\$6.44	\$0.02	\$6.44	\$0.25	\$80.50
62	PAV SURF PREP FOR MRK (ARROW), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0678 DESC CODE: 6009	EA	4	\$0.02	\$0.08	\$0.02	\$0.08	\$6.00	\$24.00
63	PAV SURF PREP FOR MRK (WORD), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0678 DESC CODE: 6016	EA	4	\$0.02	\$0.08	\$0.02	\$0.08	\$6.00	\$24.00
64	VEH SIG SEC (12 IN) LED (GRN), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0682 DESC CODE: 6001	EA	10	\$205.00	\$2,050.00	\$165.02	\$1,650.20	\$313.00	\$3,130.00
65	VEH SIG SEC (12 IN) LED (GRN ARW), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0682 DESC CODE: 6002	EA	3	\$205.00	\$615.00	\$165.02	\$495.06	\$313.00	\$939.00
66	VEH SIG SEC (12 IN) LED (YEL), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0682 DESC CODE: 6003	EA	10	\$205.00	\$2,050.00	\$165.02	\$1,650.20	\$313.00	\$3,130.00
67	VEH SIG SEC (12 IN) LED (YEL ARW), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0682 DESC CODE: 6004	EA	3	\$205.00	\$615.00	\$165.02	\$495.06	\$313.00	\$939.00
68	VEH SIG SEC (12 IN) LED (RED), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0682 DESC CODE: 6005	EA	10	\$205.00	\$2,050.00	\$165.02	\$1,650.20	\$313.00	\$3,130.00
69	VEH SIG SEC (12 IN) LED (RED ARW), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0682 DESC CODE: 6006	EA	4	\$205.00	\$820.00	\$165.02	\$660.08	\$313.00	\$1,252.00
70	PED SIG SEC (12 IN) LED (COUNTDOWN), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0682 DESC CODE: 6018	EA	8	\$710.00	\$5,680.00	\$309.09	\$2,472.72	\$625.00	\$5,000.00
71	BACK PLATE (12 IN) (3 SEC) ALUM, BLACK, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0682 DESC CODE: 6023	EA	12	\$120.00	\$1,440.00	\$54.17	\$650.04	\$63.00	\$756.00
72	BACK PLATE (12 IN) (4 SEC) ALUM, BLACK, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0682 DESC CODE: 6024	EA	1	\$130.00	\$130.00	\$58.94	\$58.94	\$75.00	\$75.00
73	TRF SIG CBL (TY A) (12 AWG) (2 CONDR), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0684 DESC CODE: 6007	LF	2025	\$2.40	\$4,860.00	\$1.35	\$2,733.75	\$2.00	\$4,050.00
74	TRF SIG CBL (TY A) (12 AWG) (4 CONDR), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0684 DESC CODE: 6009	LF	2090	\$2.50	\$5,225.00	\$1.63	\$3,406.70	\$2.00	\$4,180.00
75	TRF SIG CBL (TY A) (12 AWG) (7 CONDR), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0684 DESC CODE: 6012	LF	2480	\$2.50	\$6,200.00	\$2.14	\$5,307.20	\$3.00	\$7,440.00
76	INS TRF SIG PL AM(S)1 ARM (44') LUM, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0686 DESC CODE: 6047	EA	2	\$9,500.00	\$19,000.00	\$12,983.68	\$25,967.36	\$11,250.00	\$22,500.00
77	INS TRF SIG PL AM(S)1 ARM (44'), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0686 DESC CODE: 6045	EA	1	\$10,500.00	\$10,500.00	\$10,681.25	\$10,681.25	\$10,250.00	\$10,250.00
78	INS TRF SIG PL AM(S)1 ARM (55'), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0686 DESC CODE: 6057	EA	1	\$27,000.00	\$27,000.00	\$20,066.09	\$20,066.09	\$24,513.00	\$24,513.00
79	INS TRF SIG PL AM(S)1 ARM (60') LUM, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0687 DESC CODE: 6063	EA	1	\$27,500.00	\$27,500.00	\$23,302.02	\$23,302.02	\$28,875.00	\$28,875.00

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 DETENTION AND TRAFFIC SIGNAL TO SERVE MAGNOLIA PLACE PHASE I
 MAGNOLIA EAST MUNICIPAL UTILITY DISTRICT
 CITY OF MAGNOLIA, MONTGOMERY COUNTY, TEXAS
 APRIL 1, 2021
 LJA ENGINEERING, INC.
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ITEM	DESCRIPTION	UNIT	QTY	1) JOSLIN CONSTRUCTION		2) JOERIS GENERAL CONTRACTORS		3) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
80	PED POL ASSEMBLY WITH SCREW-IN ANCHOR FOUNDATION IN ACCORDANCE WITH THE PLANS AND SPECS, COMPLETE IN PLACE TXDOT ITEM: 0687 DESC CODE: 6001	EA	8	\$2,000.00	\$16,000.00	\$1,057.49	\$8,459.92	\$1,938.00	\$15,504.00
81	PED DETECT PUSH BUTTON (APS), IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 0687 DESC CODE: 6002	EA	8	\$1,400.00	\$11,200.00	\$1,260.11	\$10,080.88	\$1,563.00	\$12,504.00
82	RADAR PRESENCE DETECTOR, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 6025 DESC CODE: 6001	EA	6	\$8,300.00	\$49,800.00	\$6,814.24	\$40,885.44	\$10,000.00	\$60,000.00
83	RADAR ADVANCE DETECTION DEVICE, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 6057 DESC CODE: 6001	EA	5	\$8,300.00	\$41,500.00	\$7,052.61	\$35,263.05	\$10,250.00	\$51,250.00
84	GPS COMMUNICATION UNIT, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 6061 DESC CODE: 6001	EA	2	\$710.00	\$1,420.00	\$570.46	\$1,140.92	\$1,063.00	\$2,126.00
85	ITS RADIO (DUAL) (5 GHZ/5 GHZ)-I-U, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 6062 DESC CODE: 6034	EA	2	\$4,950.00	\$9,900.00	\$3,621.66	\$7,243.32	\$5,000.00	\$10,000.00
86	PED POLE ASSEMBLY, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, COMPLETE IN PLACE TXDOT ITEM: 6087 DESC CODE: 6001	EA	8	\$1,980.00	\$15,840.00	\$1,462.13	\$11,697.04	\$1,625.00	\$13,000.00
87	METHOD "A" FULL CONSTRUCTION STAKING, COORDINATE WITH GBI PARTNERS, L.P., JON BORDOVSKY, 281.499.4539, COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$3,164.27	\$3,164.27	\$3,000.00	\$3,000.00
88	RESTORE ALL LANDSCAPING, REPAIR RUTS, PROVIDE SITE CLEANUP, AND REMOVE DEBRIS, ASSOCIATED WITH ANY DISTURBED AREAS, CUT AND CAP IRRIGATION LINES AND EXTEND IRRIGATION LINES AS NECESSARY FOR FINAL INSTALLATIONS, AND ESTABLISHED A ROUGH GRADE THAT IS WITHIN 1" OF FINISHED GRADE. CONTRACTOR SHALL USE AND CONTACT THE PROJECT LANDSCAPER AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION TO CUT AND CAP ANY IRRIGATION LINES OR RELOCATE SPRINKLER HEADS THAT WILL NEED TO BE REVISED OR EXTENDED, COMPLETE IN PLACE	LS	1	\$9,000.00	\$9,000.00	\$9,492.08	\$9,492.08	\$12,500.00	\$12,500.00
89	CITY OF MAGNOLIA (COM) CONSTRUCTION PERMIT (PERCENTAGE OF SIGNAL CONSTRUCTION COST AS REQUIRED BY COM), COMPLETE IN PLACE	LS	1	\$12,500.00	\$12,500.00	\$13,184.44	\$13,184.44	\$18,750.00	\$18,750.00
90	CONSTRUCTION PHASE TEMPORARY TRAFFIC CONTROL SIGNAGE AND DEVICES. CONTRACTOR TO USE TXDOT STANDARD TCP SHEETS FOR RE-STRIPING	LS	1	\$5,000.00	\$5,000.00	\$5,273.78	\$5,273.78	\$27,500.00	\$27,500.00
TRAFFIC SIGNAL ITEMS SUBTOTAL:					\$480,395.60		\$448,454.43		\$559,868.89
MISCELLANEOUS ITEMS									
1	STANDARD DEDUCT FOR VARIANCE REQUESTS SUBMITTED BY THE ENGINEER ON BEHALF OF THE CONTRACTOR. (TO BE USED ONLY AS DIRECTED BY THE ENGINEER)	EA	0	-\$1,000.00	\$0.00	-\$1,000.00	\$0.00	-\$1,000.00	\$0.00
2	STANDARD DEDUCT FOR STREET CLEANING (AS DIRECTED BY THE OWNER)	HR	0	-\$150.00	\$0.00	-\$150.00	\$0.00	-\$150.00	\$0.00
3	STANDARD DEDUCT FOR DAMAGE TO WETLANDS FENCING BY THE CONTRACTOR (AS DIRECTED BY THE ENGINEER)	LF	0	-\$10.00	\$0.00	-\$10.00	\$0.00	-\$10.00	\$0.00
4	STANDARD DEDUCT FOR DAMAGE TO TREE MARKED FOR PRESERVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER)	EA	0	-\$1,000.00	\$0.00	-\$1,000.00	\$0.00	-\$1,000.00	\$0.00
5	CITY OF MAGNOLIA INSPECTION FEE (2.5% OF THE TOTAL CONSTRUCTION COST)	LS	1	\$151,000.00	\$151,000.00	\$159,268.06	\$159,268.06	\$216,709.00	\$216,709.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$151,000.00		\$159,268.06		\$216,709.00
ALTERNATE BID NO. 1									
1	LITHONIA LUMINAIRE, SINGLE HEAD, 30' ROUND TAPERED STEEL POLE, BLACK, DSX1 LED P5 40K T3M MVOLT RPA NLTAIR2 PIRH DBLXD, POLE: RTS 30 6-6B DM 49 DSX DBLXD, 138 WATT LAMP, 138 FIXTURE WATTS, COMPLETE IN PLACE	EA	7	\$3,800.00	\$26,600.00	\$4,200.00	\$29,400.00	\$7,313.00	\$51,191.00
2	2" ELECTRIC SCH 40 PVC CONDUIT, INCLUDING EXCAVATION AND BACKFILL, MIN 18" DEPTH, COMPLETE IN PLACE	LF	1392	\$14.00	\$19,488.00	\$13.00	\$18,096.00	\$11.00	\$15,312.00

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 DETENTION AND TRAFFIC SIGNAL TO SERVE MAGNOLIA PLACE PHASE I
 MAGNOLIA EAST MUNICIPAL UTILITY DISTRICT
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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	LIGHT POLE FOUNDATION, INCLUDING LABOR, EQUIPMENT, MATERIALS TO EXCAVATE AND REMOVE EXISTING SOIL, FURNISH AND INSTALL CONCRETE, REBAR, GROUND ROD, POUR CONCRETE FOOTING AND ANCHOR BOLTS, INSTALL LIGHTS PER MANUFACTURER'S SPECIFICATIONS, COMPLETE IN PLACE	EA	7	\$1,800.00	\$12,600.00	\$1,800.00	\$12,600.00	\$1,750.00	\$12,250.00
4	0620 6008 ELEC CONDR (NO. 8) (2 INSULATED)	LF	1392	\$4.00	\$5,568.00	\$1.50	\$2,088.00	\$2.00	\$2,784.00
5	0620 6007 ELEC CONDR (NO. 8) (1 BARE)	LF	1392	\$2.50	\$3,480.00	\$1.20	\$1,670.40	\$2.00	\$2,784.00
6	CONCRETE PULL BOX 20"X15"X12"	EA	7	\$1,200.00	\$8,400.00	\$718.00	\$5,026.00	\$1,063.00	\$7,441.00
7	HEAVY DUTY GFCI WEATHERPROOF ELECTRICAL OUTLETS	EA	7	\$275.00	\$1,925.00	\$200.00	\$1,400.00	\$125.00	\$875.00
ALTERNATE BID NO. 1 SUBTOTAL:					\$78,061.00	\$70,280.40			\$92,637.00

BIDDING SUMMARY

SUBTOTAL PAVING (BUCKEYE TRAIL) – MAGNOLIA EAST MUD – SHARED ITEMS	\$288,302.00	\$308,356.22	\$371,601.31
SUBTOTAL WATER (BUCKEYE TRAIL) – MAGNOLIA EAST MUD – SHARED ITEMS	\$151,030.10	\$160,039.06	\$158,166.00
SUBTOTAL SANITARY SEWER (BUCKEYE TRAIL) – MAGNOLIA EAST MUD – SHARED ITEMS	\$202,343.90	\$215,230.39	\$240,857.00
SUBTOTAL DRAINAGE FACILITIES ITEMS (BUCKEYE TRAIL) – MAGNOLIA EAST MUD – SHARED I	\$62,355.50	\$65,519.77	\$87,698.00
SUBTOTAL PAVING RED CREEK CIRCLE (BUCKEYE TRAIL TO SPUR 149)–MAGNOLIA EAST MUD	\$337,562.00	\$355,294.27	\$414,688.60
SUBTOTAL WATER RED CREEK CIRCLE (FROM BUCKEYE TRAIL TO SPUR 149)–MAGNOLIA EAS	\$140,438.30	\$148,693.03	\$160,734.00
SUBTOTAL SANITARY RED CREEK CIRCLE (BUCKEYE TRAIL TO SPUR 149)–MAGNOLIA EAST MI	\$190,172.90	\$200,401.15	\$237,967.00
SUBTOTAL DRAINAGE RED CREEK CIRCLE (BUCKEYE TRAIL TO SPUR 149) – MAGNOLIA EAST M	\$55,432.50	\$58,513.87	\$89,735.00
SUBTOTAL SANITARY SEWER - RED CREEK CIRCLE (JLW TO BT) – MAGNOLIA EAST MUD ITEMS	\$94,021.20	\$108,165.19	\$118,221.00
SUBTOTAL DRAINAGE FACILITIES - RED CREEK CIRCLE (JLW TO BT) – MAGNOLIA EAST MUD IT	\$525,734.50	\$643,868.74	\$806,415.00
SUBTOTAL WATER JORDAN LEWIS WAY – MAGNOLIA EAST MUD ITEMS: WL & FH	\$129,092.10	\$140,756.03	\$135,748.00
SUBTOTAL DRAINAGE FACILITIES JORDAN LEWIS WAY – MAGNOLIA EAST MUD ITEMS	\$322,020.60	\$339,017.56	\$480,834.00
SUBTOTAL DETENTION POND ITEMS – MAGNOLIA EAST MUD	\$1,201,122.80	\$1,170,444.30	\$1,126,099.00
SUBTOTAL STORM SEWER ITEMS - FM 1488 & SPUR 149 - MAGNOLIA EAST MUD (SHARED)	\$378,272.00	\$402,871.95	\$453,372.00
SUBTOTAL PAVING ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (SHARED)	\$579,723.80	\$612,537.25	\$719,791.00
SUBTOTAL STORM SEWER & WATER ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (H.E.B.)	\$367,903.00	\$387,425.20	\$598,223.40
SUBTOTAL PAVING ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (H.E.B.)	\$158,164.00	\$177,517.06	\$208,148.00
SUBTOTAL STORM SEWER ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (MAGNOLIA EAST M	\$36,179.00	\$38,092.95	\$55,450.00
SUBTOTAL PAVING ITEMS FM 1488 & SPUR 149 MAGNOLIA EAST MUD (MAGNOLIA EAST 149)	\$85,801.00	\$93,553.66	\$104,253.00
SUBTOTAL TRAFFIC SIGNAL ITEMS	\$480,395.60	\$448,454.43	\$559,868.89
SUBTOTAL MISCELLANEOUS ITEMS	\$151,000.00	\$159,268.06	\$216,709.00
TOTAL AMOUNT BASE BID	\$5,937,066.80	\$6,234,020.14	\$7,344,579.20
ALTERNATE BID NO. 1			
TOTAL AMOUNT BASE BID	\$5,937,066.80	\$6,234,020.14	\$7,344,579.20
SUBTOTAL ALTERNATE BID NO. 1	\$78,061.00	\$70,280.40	\$92,637.00
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1	\$6,015,127.80	\$6,304,300.54	\$7,437,216.20