

CHARLES CROOK CONSULTING, INC. ENGINEER'S OPINION OF PROBABLE COST						AVG.	PAVECON				SYB				XIT				A&M				McCLENDON				STABLE & WINN															
CLIENT: MEDC						DATE: 4/23/2015						DATE: 7/8/2015						DATE: 7/8/2015						DATE: 7/8/2015						DATE: 7/8/2015												
PROJECT: Mitchell Road Extension						CCC JOB NO: 14-017						CCC JOB NO: 14-017						CCC JOB NO: 14-017						CCC JOB NO: 14-017						CCC JOB NO: 14-017												
ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT PRICE	COST	UNIT PRICE	QUANTITY	UNIT	UNIT PRICE	COST	UNIT PRICE	QUANTITY	UNIT	UNIT PRICE	COST	UNIT PRICE	QUANTITY	UNIT	UNIT PRICE	COST	UNIT PRICE	QUANTITY	UNIT	UNIT PRICE	COST	UNIT PRICE	QUANTITY	UNIT	UNIT PRICE	COST												
A PAVING IMPROVEMENTS																																										
A-1	Mobilization	1	LS	\$ 500.00	\$ 500.00	\$ 26,858.33	1	LS	\$ 33,000.00	\$ 33,000.00	1	LS	\$ 55,650.00	\$ 55,650.00	1	LS	\$ 30,000.00	\$ 30,000.00	1	LS	\$ 7,500.00	\$ 7,500.00	1	LS	\$ 15,000.00	\$ 15,000.00	1	LS	\$ 20,000.00	\$ 20,000.00												
A-2	Right-of-Way Preparation	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 21,704.17	1	LS	\$ 7,100.00	\$ 7,100.00	1	LS	\$ 9,900.00	\$ 9,900.00	1	LS	\$ 25,000.00	\$ 25,000.00	1	LS	\$ 2,000.00	\$ 2,000.00	1	LS	\$ 38,500.00	\$ 38,500.00	1	LS	\$ 47,725.00	\$ 47,725.00												
A-3	Unclassified Street Excavation	820	CY	\$ 3.00	\$ 2,460.00	\$ 18.77	820	CY	\$ 22.62	\$ 18,548.40	820	CY	\$ 21.00	\$ 17,220.00	820	CY	\$ 24.00	\$ 19,680.00	820	CY	\$ 18.00	\$ 14,760.00	820	CY	\$ 12.00	\$ 9,840.00	820	CY	\$ 15.00	\$ 12,300.00												
A-4	Embankment (from on-site source)	820	CY	\$ 1.00	\$ 820.00	\$ 11.39	820	CY	\$ 20.31	\$ 16,654.20	820	CY	\$ 13.00	\$ 10,660.00	820	CY	\$ 7.00	\$ 5,740.00	820	CY	\$ 6.00	\$ 4,920.00	820	CY	\$ 12.00	\$ 9,840.00	820	CY	\$ 10.00	\$ 8,200.00												
A-5	Embankment (from off-site source)	395	CY	\$ 12.00	\$ 4,740.00	\$ 30.24	395	CY	\$ 41.32	\$ 16,321.40	395	CY	\$ 32.10	\$ 12,679.50	395	CY	\$ 31.00	\$ 12,245.00	395	CY	\$ 17.00	\$ 6,715.00	395	CY	\$ 30.00	\$ 11,850.00	395	CY	\$ 30.00	\$ 11,850.00												
A-6	Remove Existing Asphalt Drive	2,277	SY	\$ 10.00	\$ 22,770.00	\$ 6.07	2,277	SY	\$ 4.40	\$ 10,018.80	2,277	SY	\$ 8.00	\$ 18,216.00	2,277	SY	\$ 10.00	\$ 22,770.00	2,277	SY	\$ 6.00	\$ 13,662.00	2,277	SY	\$ 5.00	\$ 11,385.00	2,277	SY	\$ 3.00	\$ 6,831.00												
A-7	8" Reinforced Concrete Pavement	2,075	SY	\$ 40.00	\$ 83,000.00	\$ 55.43	2,075	SY	\$ 69.49	\$ 144,191.75	2,075	SY	\$ 60.10	\$ 124,707.50	2,075	SY	\$ 46.00	\$ 95,450.00	2,075	SY	\$ 55.00	\$ 114,125.00	2,075	SY	\$ 42.00	\$ 87,150.00	2,075	SY	\$ 60.00	\$ 124,500.00												
A-8	12" Lime Stabilized Subgrade	2,182	SY	\$ 3.50	\$ 7,637.00	\$ 7.53	2,182	SY	\$ 6.10	\$ 13,310.20	2,182	SY	\$ 8.55	\$ 18,656.10	2,182	SY	\$ 8.00	\$ 17,456.00	2,182	SY	\$ 15.00	\$ 32,730.00	2,182	SY	\$ 3.00	\$ 6,546.00	2,182	SY	\$ 4.50	\$ 9,819.00												
A-9	Hydrated Lime	40	TON	\$ 175.00	\$ 7,000.00	\$ 169.19	59	TON	\$ 170.12	\$ 10,037.08	59	TON	\$ 170.00	\$ 10,030.00	59	TON	\$ 180.00	\$ 10,620.00	59	TON	\$ 155.00	\$ 9,145.00	59	TON	\$ 160.00	\$ 9,440.00	59	TON	\$ 180.00	\$ 10,620.00												
A-10	Concrete Street Header	39	LF	\$ 20.00	\$ 780.00	\$ 13.75	39	LF	\$ 23.52	\$ 917.28	39	LF	\$ 25.00	\$ 975.00	39	LF	\$ 10.00	\$ 390.00	39	LF	\$ 8.00	\$ 312.00	39	LF	\$ 6.00	\$ 234.00	39	LF	\$ 10.00	\$ 390.00												
A-11	6" HMAC Transition Pavement	1,032	SY	\$ 45.00	\$ 46,440.00	\$ 40.97	1,032	SY	\$ 43.82	\$ 45,222.24	1,032	SY	\$ 40.00	\$ 41,280.00	1,032	SY	\$ 39.00	\$ 40,248.00	1,032	SY	\$ 50.00	\$ 51,600.00	1,032	SY	\$ 35.00	\$ 36,120.00	1,032	SY	\$ 38.00	\$ 39,216.00												
A-12	Remove and Replace Concrete C & G	47	LF	\$ 40.00	\$ 1,880.00	\$ 37.93	47	LF	\$ 46.56	\$ 2,188.32	47	LF	\$ 60.00	\$ 2,820.00	47	LF	\$ 50.00	\$ 2,350.00	47	LF	\$ 21.00	\$ 987.00	47	LF	\$ 30.00	\$ 1,410.00	47	LF	\$ 20.00	\$ 940.00												
A-13	4" Topsoil	3,967	SY	\$ 1.00	\$ 3,967.00	\$ 3.08	3,967	SY	\$ 5.70	\$ 22,611.90	3,967	SY	\$ 2.50	\$ 9,917.50	3,967	SY	\$ 4.00	\$ 15,868.00	3,967	SY	\$ 1.80	\$ 7,140.60	3,967	SY	\$ 2.00	\$ 7,934.00	3,967	SY	\$ 2.50	\$ 9,917.50												
A-14	Hydromulch Seeding	3,967	SY	\$ 1.00	\$ 3,967.00	\$ 1.58	3,967	SY	\$ 1.93	\$ 7,656.31	3,967	SY	\$ 1.75	\$ 6,942.25	3,967	SY	\$ 2.00	\$ 7,934.00	3,967	SY	\$ 1.50	\$ 5,950.50	3,967	SY	\$ 1.25	\$ 4,958.75	3,967	SY	\$ 1.05	\$ 4,165.35												
A-15	Traffic Control	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 10,033.33	1	LS	\$ 5,000.00	\$ 5,000.00	1	LS	\$ 17,200.00	\$ 17,200.00	1	LS	\$ 15,000.00	\$ 15,000.00	1	LS	\$ 8,000.00	\$ 8,000.00	1	LS	\$ 10,000.00	\$ 10,000.00	1	LS	\$ 5,000.00	\$ 5,000.00												
A-16	Erosion Control	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 5,533.33	1	LS	\$ 4,700.00	\$ 4,700.00	1	LS	\$ 6,500.00	\$ 6,500.00	1	LS	\$ 10,000.00	\$ 10,000.00	1	LS	\$ 5,000.00	\$ 5,000.00	1	LS	\$ 5,500.00	\$ 5,500.00	1	LS	\$ 1,500.00	\$ 1,500.00												
A-17	8" Lime Stabilized Subgrade Complete In Place				\$ -	\$ 5.68	1,104	SY	\$ 7.94	\$ 8,765.76	1,104	SY	\$ 8.15	\$ 8,997.60	1,104	SY	\$ 7.00	\$ 7,728.00	1,104	SY	\$ 3.50	\$ 3,864.00	1,104	SY	\$ 3.00	\$ 3,312.00	1,104	SY	\$ 4.50	\$ 4,968.00												
SUBTOTAL PAVING IMPROVEMENTS					\$ 193,461.00							\$ 366,243.64						\$ 372,351.45						\$ 338,479.00						\$ 288,411.10						\$ 269,019.75						\$ 317,941.85
B DRAINAGE IMPROVEMENTS																																										
B-1	42" RCP	342	LF	\$ 150.00	\$ 51,300.00	\$ 157.52	342	LF	\$ 155.10	\$ 53,044.20	342	LF	\$ 153.00	\$ 52,326.00	342	LF	\$ 160.00	\$ 54,720.00	342	LF	\$ 160.00	\$ 54,720.00	342	LF	\$ 160.00	\$ 54,720.00	342	LF	\$ 157.00	\$ 53,694.00												
B-2	42" Concrete Headwall and Wingwalls	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 7,638.33	1	LS	\$ 3,630.00	\$ 3,630.00	1	LS	\$ 5,400.00	\$ 5,400.00	1	LS	\$ 7,500.00	\$ 7,500.00	1	LS	\$ 4,500.00	\$ 4,500.00	1	LS	\$ 12,300.00	\$ 12,300.00	1	LS	\$ 12,500.00	\$ 12,500.00												
B-3	Remove Existing 42" Headwall	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 981.67	1	EA	\$ 1,540.00	\$ 1,540.00	1	EA	\$ 1,000.00	\$ 1,000.00	1	EA	\$ 1,500.00	\$ 1,500.00	1	EA	\$ 800.00	\$ 800.00	1	EA	\$ 500.00	\$ 500.00	1	EA	\$ 550.00	\$ 550.00												
B-4	12" Rock Rip-Rap	142	SY	\$ 75.00	\$ 10,650.00	\$ 83.13	142	SY	\$ 90.75	\$ 12,886.50	142	SY	\$ 85.00	\$ 12,070.00	142	SY	\$ 100.00	\$ 14,200.00	142	SY	\$ 85.00	\$ 12,070.00	142	SY	\$ 70.00	\$ 9,940.00	142	SY	\$ 68.00	\$ 9,656.00												
B-5	Connect Prop. 42" RCP to Ex. 42" RCP	1	EA	\$ 500.00	\$ 500.00	\$ 1,303.83	1	EA	\$ 1,573.00	\$ 1,573.00	1	EA	\$ 1,000.00	\$ 1,000.00	1	EA	\$ 1,500.00	\$ 1,500.00	1	EA	\$ 900.00	\$ 900.00	1	EA	\$ 1,500.00	\$ 1,500.00	1	EA	\$ 1,350.00	\$ 1,350.00												
B-6	Trench Safety	342	LF	\$ 1.00	\$ 342.00	\$ 1.68	342	LF	\$ 1.10	\$ 376.20	342	LF	\$ 1.00	\$ 342.00	342	LF	\$ 2.00	\$ 684.00	342	LF	\$ 2.00	\$ 684.00	342	LF	\$ 2.00	\$ 684.00	342	LF	\$ 2.00	\$ 684.00												
SUBTOTAL DRAINAGE IMPROVEMENTS					\$ 67,792.00							\$ 73,049.90						\$ 72,138.00						\$ 80,104.00						\$ 73,674.00						\$ 79,644.00						\$ 78,434.00
C SANITARY SEWER IMPROVEMENTS																																										
C-1	8" PVC Sanitary Sewer	49	LF	\$ 80.00	\$ 3,920.00	\$ 110.02	49	LF	\$ 78.10	\$ 3,826.90	49	LF	\$ 135.00	\$ 6,615.00	49	LF	\$ 180.00	\$ 8,820.00	49	LF	\$ 80.00	\$ 3,920.00	49	LF	\$ 100.00	\$ 4,900.00	49	LF	\$ 87.00	\$ 4,263.00												
C-2	Connect to Existing SSMH	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 2,300.00	1	EA	\$ 3,300.00	\$ 3,300.00	1	EA	\$ 1,500.00	\$ 1,500.00	1	EA	\$ 5,000.00	\$ 5,000.00	1	EA	\$ 1,500.00	\$ 1,500.00	1	EA	\$ 1,200.00	\$ 1,200.00	1	EA	\$ 1,300.00	\$ 1,300.00												
C-3	Adjust Ex. SSMH to Final Grade	1	EA	\$ 500.00	\$ 500.00	\$ 1,150.00	1	EA	\$ 1,100.00	\$ 1,100.00	1	EA	\$ 500.00	\$ 500.00	1	EA	\$ 500.00	\$ 500.00	1	EA	\$ 500.00	\$ 500.00	1	EA	\$ 2,500.00	\$ 2,500.00	1	EA	\$ 1,800.00	\$ 1,800.00												
C-4	Trench Safety	49	LF	\$ 5.00	\$ 245.00	\$ 8.68	49	LF	\$ 1.10	\$ 53.90	49	LF	\$ 1.00	\$ 49.00	49	LF	\$ 20																									