

CONSTRUCTION COST ESTIMATE
 BRIDGE REPLACEMENT
 FRY ROAD OVER MURFREES FORK CREEK
 THOMPSON'S STATION, TN 09/24/2019

DESCRIPTION	UNIT	QTY.	\$ PRICE	\$ TOTAL
REMOVAL OF STRUCTURES	LS	1	\$5,000.00	\$5,000.00
CLEARING AND GRUBBING	LS	1	\$4,000.00	\$4,000.00
FURNISHING AND SPREADING TOPSOIL	CY	100	\$30.00	\$3,000.00
TEMPORARY FILTER BARRIER	LF	400	\$5.00	\$2,000.00
TEMPORARY SEDIMENT FILTER BAG	BAG	1	\$600.00	\$600.00
TEMPORARY IN-STREAM DIVERSION	LF	120	\$25.00	\$3,000.00
BORROW EXCAVATION (UNCL)	CY	250	\$20.00	\$5,000.00
BRIDGE EXCAVATION	CY	150	\$15.00	\$2,250.00
MINERAL AGGREGATE BASE	TONS	300	\$25.00	\$7,500.00
ASPHALT BINDER	TONS	120	\$95.00	\$11,400.00
ASPHALT SURFACE	TONS	75	\$95.00	\$7,125.00
TACK COAT	TONS	0.1	\$800.00	\$80.00
PRIME COAT	TONS	0.41	\$425.00	\$174.25
GRANULAR BACKFILL (BRIDGES)	TONS	225	\$35.00	\$7,875.00
CLASS A CONCRETE (SLAB BRIDGES)	CY	85	\$850.00	\$72,250.00
STEEL BAR REINFORCEMENT (SLAB BR.)	LB	17,500	\$1.10	\$19,250.00
METAL BEAM GUARD FENCE	LF	75.00	\$65.00	\$4,875.00
SINGLE GUARDRAIL (TYPE 2)	LF	25	\$21.00	\$525.00
GUARDRAIL TERMINAL ANCHOR (TYPE 21)	EACH	4	\$2,400.00	\$9,600.00
MACHINED RIP-RAP (CLASS B)	TONS	165	\$45.00	\$7,425.00
CONSTRUCTION SIGNS	SF	75	\$10.00	\$750.00
TYPE III BARRICADE	LF	40	\$15.00	\$600.00
SEEDING (WITH MULCH)	UNIT	5	\$400.00	\$2,000.00
ASBESTOS REPORT	LS	1	\$2,500.00	\$2,500.00
ASBESTOS REMOVAL	LS	1	\$5,000.00	\$5,000.00
GEOTECHNICAL INVESTIGATION	LS	1	\$4,000.00	\$4,000.00
TOTAL				\$187,779.25
ENGINEERING FEE AT 15%				\$28,166.89
TOTAL COST				\$215,946.14
STATE PORTION				\$151,470.00
CITY PORTION				\$64,476.14