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**Engineer's Estimation of Probable Construction Cost  
 Fry Road over Murfrees Fork  
 OPTION C**

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
202-04.01	REMOVAL OF STRUCTURES (EXISTING BRIDGE)	L.S.	1	\$30,000.00	\$30,000.00
303-01.02	GRANULAR BACKFILL (BRIDGES)	TON	350	\$40.00	\$14,000.00
604-02.01	CLASS "A" CONCRETE (BOX BRIDGES)	C.Y.	105	\$750.00	\$78,750.00
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	LB.	23,000	\$1.25	\$28,750.00
705-01.04	METAL BEAM GUARD FENCE	L.F.	87.5	\$70.00	\$6,125.00
705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	50	\$30.00	\$1,500.00
705-04.04	GUARDRAIL TERMINAL (TYPE 21)	EACH	4	\$3,500.00	\$14,000.00
705-04.10	EARTH PAD FOR GUARDRAIL END TREATMENT	EACH	4	\$1,200.00	\$4,800.00
709-05.08	MACHINED RIP-RAP (CLASS B)	TON	250	\$50.00	\$12,500.00
<b>EROSION CONTROL &amp; TRAFFIC CONTROL</b>					
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	400	\$4.00	\$1,600.00
209-05	SEDIMENT REMOVAL	C.Y.	68	\$7.00	\$476.00
209-09.01	SAND BAGS	BAG	500	\$5.00	\$2,500.00
209-09.02	TEMPORARY SEDIMENT FILTER BAG	BAG	2	\$1,000.00	\$2,000.00
209-20.04	POLYETHYLENE SHEETING (10 MIL.)	S.Y.	200	\$5.00	\$1,000.00
209-65.14	TEMPORARY STREAM DIVERSION	L.S.	1	\$12,000.00	\$12,000.00
712-01	TRAFFIC CONTROL	L.S.	1	\$10,000.00	\$10,000.00
<b>TOTAL BRIDGE ESTIMATED CONSTRUCTION COST</b>					<b>\$220,001.00</b>

<b>203-30.01</b>	<b>ROADWAY APPROACHES</b>	L.S.	1		
INCLUDES:					
201-01	CLEARING & GRUBBING	L.S.	1	\$7,500.00	\$7,500.00
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	500	\$20.00	\$10,000.00
203-03	BORROW EXCAVATION (UNCLASSIFIED)	C.Y.	500	\$25.00	\$12,500.00
203-04	PLACING AND SPREADING TOPSOIL	C.Y.	50	\$15.00	\$750.00
303-01	MINERAL AGGREGATE, TYPE "A", GRADING D	TON	300	\$25.00	\$7,500.00
801-01	SEEDING (WITH MULCH)	UNITS	10	\$100.00	\$1,000.00
<b>203-30.75</b>	<b>PAVING FOR ROADWAY APPROACHES</b>	L.S.	1		
INCLUDES:					
307-01.08	ASPHALT CONCRETE MIX (PG 64-22) (BPMB-HM)	TON	100	\$90.00	\$9,000.00
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	2	\$1000.00	\$2,000.00
402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	10	\$125.00	\$1,250.00
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	1	\$800.00	\$800.00
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	0.4	\$2,000.00	\$800.00
411-01.10	ACS MIX, GRADING "D"	TON	50	\$150.00	\$7,500.00
<b>TOTAL ROADWAY ESTIMATED CONSTRUCTION COST</b>					<b>\$60,600.00</b>

<b>TOTAL PROJECT COST</b>					<b>\$280,601.00</b>
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