



**DODSWORTH & LOWER TUG FORK CULVERT IMPROVEMENTS**  
**CAMPBELL COUNTY FISCAL COURT - ROAD DEPARTMENT**  
**PROJECT: 220073**  
**Bid Date 3/28/2021**

ENGINEER'S ESTIMATE

HINKLE CONSTRUCTION SERVICES

ITEM NO.	SPEC. NO.	ITEM	Estimated Quantity	Unit of Measure	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid
<b>PART 1 - KYTC 5 LOWER TUG FORK</b>								
1	112	MAINTENANCE OF TRAFFIC	1	LS	\$8,500.00	\$8,500.00	\$26,200.00	\$26,200.00
2	202	CLEARING AND GRUBBING	1	LS	\$10,000.00	\$10,000.00	\$3,075.00	\$3,075.00
3	203	GUARDRAIL REMOVED	125	LIN FT	\$26.00	\$3,250.00	\$5.00	\$625.00
4	203	BOX BEAM REMOVAL	1	LS	\$10,000.00	\$10,000.00	\$8,425.00	\$8,425.00
5	203	WINGWALL REMOVAL	1	LS	\$10,000.00	\$10,000.00	\$3,665.00	\$3,665.00
6	206	EMBANKMENT	15	CY	\$40.00	\$600.00	\$235.00	\$3,525.00
7	207	PROOF ROLLING SUBGRADE	1	LS	\$1,000.00	\$1,000.00	\$715.00	\$715.00
8	402	ASPHALT BASE COURSE, Includes Subgrade Compaction	20	TON	\$150.00	\$3,000.00	\$275.00	\$5,500.00
9	402	ASPHALT LEVELING COURSE, Includes Tack Coat	40	TON	\$150.00	\$6,000.00	\$275.00	\$11,000.00
10	402	ASPHALT SURFACE COURSE, Includes Tack Coat	35	TON	\$175.00	\$6,125.00	\$275.00	\$9,625.00
11	408	ASPHALT PAVEMENT MILLING	275	SY	\$15.00	\$4,125.00	\$25.00	\$6,875.00
12	603	SHEETING AND SHORING	1	LS	\$5,000.00	\$5,000.00	\$10,850.00	\$10,850.00
13	603	STRUCTURAL EXCAVATION COMMON	65	CY	\$120.00	\$7,800.00	\$39.00	\$2,535.00
14	605	(7) 3' WIDE BOX BEAMS (Includes the cost of purchasing, delivering, placing, and leveling the beams up to 2", and all incidentals that come along with it)	7	EA	\$11,250.00	\$78,750.00	\$8,675.00	\$60,725.00
15	608	ROADWAY CURB ON EACH END OF BOXES (Includes the cost of reinforcing steel, formwork and all incidentals needed to construct the curbs)	1	LS	\$3,200.00	\$3,200.00	\$3,630.00	\$3,630.00
16	608	CIP CURB AT ENDS OF BOX BEAMS (includes the cost of reinforcing steel, formworks, and all other incidentals needed to construct the cost)	3	CY	\$2,500.00	\$7,500.00	\$2,100.00	\$6,300.00
17	608	CONCRETE WINGWALLS (Includes the cost of reinforcing steel, formwork, preformed expansion joint filler, excavation, backfill and all incidentals needed to construct the walls)	10	CY	\$3,500.00	\$35,000.00	\$5,910.00	\$59,100.00



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18	608*	BOX BEAM LEVELING (Includes the cost for leveling of the box beams, if required, over 2")	2	CY	\$1,500.00	\$3,000.00	\$777.00	\$1,554.00
19	703	CLASS III CHANNELL LINING (GROUTED)	15	CY	\$200.00	\$3,000.00	\$205.00	\$3,075.00
20	719	BRIDGE GUARDRAIL (Twin tube steel railing) WITH DELINEATORS, As per plan.	65	LIN FT	\$100.00	\$6,500.00	\$185.00	\$12,025.00
21	719	BRIDGE TERMINAL ASSEMBLY, WITH DELINEATORS	3	EA	\$1,500.00	\$4,500.00	\$2,500.00	\$7,500.00
22	719	GUARDRAIL, WITH DELINEATORS	13	LIN FT	\$45.00	\$585.00	\$75.00	\$975.00
23	719	GUARDRAIL END TREATMENT, TYPE 4A, INCLUDES OBJECT MARKER TYPE 3	2	EA	\$2,750.00	\$5,500.00	\$4,300.00	\$8,600.00
24	719	GUARDRAIL END TREATMENT, TYPE 2A, WITH CABLE ASSEMBLY	1	EA	\$1,400.00	\$1,400.00	\$1,250.00	\$1,250.00
25	719	GUARDRAIL TERMINAL SECTION NO 1	1	EA	\$250.00	\$250.00	\$100.00	\$100.00
26	808	WATERPROOFING, CHASE 10A EASY PAVE BY ROYSTON (Or Approved Equal)	100	SY	\$90.00	\$9,000.00	\$71.00	\$7,100.00
27	827	EROSION CONTROL MATERIALS	1	LS	\$1,000.00	\$1,000.00	\$2,585.00	\$2,585.00
28	SPL	SAWING AND SEALING BITUMINOUS CONCRETE JOINTS	1	LS	\$500.00	\$500.00	\$1,420.00	\$1,420.00
29	SPL	PORTABLE CHANGEABLE MESSAGE SIGN	30	DAYS	\$50.00	\$1,500.00	\$58.00	\$1,740.00
30	SPL	RESTORATION	1	LS	\$2,500.00	\$2,500.00	\$5,150.00	\$5,150.00
<b>SUBTOTAL - PART 1 - KYTC 5 LOWER TUG FORK</b>						\$239,085.00		\$275,444.00
<b>PART 2 ALTERNATE - KYTC LOWER TUG FORK</b>								
31	605	PRECAST WINGWALLS, AS PER PLAN. (Includes the transportation, installation, excavation, backfill and all incidentals needed to construct the walls) If Alternate 1 is accepted, Item 17 will be deleted from the Contract.	1	LS	\$30,000.00	\$30,000.00	\$25,810.00	\$25,810.00
<b>PART 2 ELR - DODSWORTH</b>								
32	112	MAINTENANCE OF TRAFFIC	1	LS	\$8,500.00	\$8,500.00	\$28,100.00	\$28,100.00



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33	202	CLEARING AND GRUBBING	1	LS	\$10,000.00	\$10,000.00	\$3,075.00	\$3,075.00
34	203	GUARDRAIL REMOVED	80	LIN FT	\$26.00	\$2,080.00	\$5.00	\$400.00
35	203	CULVERT REMOVAL	1	LS	\$10,000.00	\$10,000.00	\$8,425.00	\$8,425.00
36	203	WINGWALL REMOVAL	1	LS	\$10,000.00	\$10,000.00	\$3,665.00	\$3,665.00
37	206	EMBANKMENT	25	CY	\$40.00	\$1,000.00	\$160.00	\$4,000.00
38	207	PROOF ROLLING SUBGRADE	1	LS	\$1,000.00	\$1,000.00	\$715.00	\$715.00
39	302	CRUSHED STONE BASE	20	TON	\$85.00	\$1,700.00	\$93.00	\$1,860.00
40	302	CRUSHED AGGREGATE SIZE NO 2	10	TON	\$125.00	\$1,250.00	\$190.00	\$1,900.00
41	302	CRUSHED AGGREGATE SIZE NO 8	5	TON	\$125.00	\$625.00	\$385.00	\$1,925.00
42	402	ASPHALT BASE COURSE, Includes Subgrade Compaction	20	TON	\$150.00	\$3,000.00	\$275.00	\$5,500.00
43	402	ASPHALT LEVELING COURSE, Includes Tack Coat	35	TON	\$150.00	\$5,250.00	\$275.00	\$9,625.00
44	402	ASPHALT SURFACE COURSE, Includes Tack Coat	35	TON	\$175.00	\$6,125.00	\$275.00	\$9,625.00
45	408	ASPHALT PAVEMENT MILLING	350	SY	\$15.00	\$5,250.00	\$25.00	\$8,750.00
46	603	SHEETING AND SHORING	1	LS	\$5,000.00	\$5,000.00	\$10,850.00	\$10,850.00
47	603	STRUCTURAL EXCAVATION COMMON	60	CY	\$120.00	\$7,200.00	\$42.00	\$2,520.00
48	605	6'x8'x34' BOX SECTION (Includes the cost of purchasing, delivering, and placing the boxes, and all incidentals that come along with it)	1	LS	\$75,000.00	\$75,000.00	\$43,730.00	\$43,730.00
49	608	CURB ON EACH END OF BOXES & PARALLEL WITH FACE OF GUARDRAIL (Includes the cost of reinforcing steel, formwork and all incidentals needed to construct the curbs)	1	LS	\$6,400.00	\$6,400.00	\$6,205.00	\$6,205.00
50	608	CONCRETE WINGWALLS (Includes the cost of reinforcing steel, formwork, preformed expansion joint filler, excavation, backfill and all incidentals needed to construct the walls)	10	CY	\$3,500.00	\$35,000.00	\$5,910.00	\$59,100.00
51	608	CONCRETE APRON AND TURNDOWN SLAB (Includes the cost of reinforcing steel, formwork, preformed expansion joint filler, excavation, backfill and all incidentals needed)	5	CY	\$5,000.00	\$25,000.00	\$1,765.00	\$8,825.00



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52	SPL	SET EXISTING PRECAST CONCRETE WINGWALL	1	LS	\$2,500.00	\$2,500.00	\$5,640.00	\$5,640.00
53	703	CLASS III CHANNEL LINING	15	CY	\$150.00	\$2,250.00	\$205.00	\$3,075.00
54	719	BRIDGE GUARDRAIL (Twin tube steel railing), WITH DELINEATORS, As per plan.	25	LIN FT	\$100.00	\$2,500.00	\$250.00	\$6,250.00
55	719	BRIDGE TERMINAL ASSEMBLY, WITH DELINEATORS	4	EA	\$1,500.00	\$6,000.00	\$2,500.00	\$10,000.00
56	719	GUARDRAIL, WITH DELINEATORS	19	LIN FT	\$45.00	\$855.00	\$75.00	\$1,425.00
57	719	GUARDRAIL END TREATMENT, TYPE 4A, INCLUDES OBJECT MARKER TYPE 3	2	EA	\$2,750.00	\$5,500.00	\$4,300.00	\$8,600.00
58	719	GUARDRAIL END TREATMENT, TYPE 2A, WITH CABLE ASSEMBLY	1	EA	\$1,400.00	\$1,400.00	\$1,250.00	\$1,250.00
59	808	WATERPROOFING	125	SY	\$75.00	\$9,375.00	\$60.00	\$7,500.00
60	827	EROSION CONTROL MATERIALS	1	LS	\$1,000.00	\$1,000.00	\$2,585.00	\$2,585.00
61	SPL	PORTABLE CHANGEABLE MESSAGE SIGN	30	DAYS	\$50.00	\$1,500.00	\$58.00	\$1,740.00
62	SPL	RESTORATION	1	LS	\$2,500.00	\$2,500.00	\$5,150.00	\$5,150.00
<b>SUBTOTAL - PART 2 - ELR 74 DODSWORTH</b>						\$254,760.00		\$272,010.00
<b>PART 2 ALTERNATE - ELR 74 DODSWORTH</b>								
63	605	PRECAST WINGWALLS, AS PER PLAN. (Includes the transportation, installation, excavation, backfill and all incidentals needed to construct the walls) If Alternate 2 is accepted, Item 50 will be deleted from the Contract.	1	LS	\$30,000.00	\$30,000.00	\$24,725.00	\$24,725.00
<b>TOTAL PART 1 AND PART 2 (EXCLUDING ALTERNATES)</b>						\$493,845.00		\$547,454.00
<b>TOTAL PART 1 AND PART 2 (INCLUDING ALTERNATES - LESS CAST IN PLACE WINGWALLS)</b>						\$483,845.00		\$479,789.00