

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 TE-0451-01	2018	90B	222

RECAPITULATION OF QUANTITIES			
LINE NO.	PAVING BID ITEM DESCRIPTION	QUANTITY	UNIT
LUMP SUM BID ITEMS-PAVING			
1	FIELD OFFICE & LABORATORY (TYPE A)	1	ea
2	MOBILIZATION	1	LS
3	MOBILIZATION (DBE)	1	LS
4	REMOVAL OF EXISTING STRUCTURES	1	LS
5	SITE CLEARING	1	LS
6	FILL, COMPACTED (90% DENSITY)	1,022	cy
7	FILL, COMPACTED (95% DENSITY)	1,250	cy
8	EXCAVATION	5,188	cy
MEASURED QUANTITY BID ITEMS-PAVING			
9	FENCE REMOVED AND REPLACED	10	lf
10	RIPRAP, LIGHT STONE	34	sy
11	WHEELCHAIR RAMP W/ DETECTABLE WARNINGS	2	ea
12	CRUSHED ROCK BASE 6", REINFORCED	1,018	sy
13	CRUSHED ROCK HOOKUP (AB3) (6")	27	sy
14	AC PAVEMENT 6" (4" BIT BASE)	978	sy
15	CONCRETE PAVEMENT 6" (REINF)	13,273	sy
16	CONCRETE PAVEMENT 8" (REINF)	45	sy
17	CONCRETE PAVEMENT 10" (REINF)	140	sy
18	BRIDGE APPROACH SLAB FOOTING	44	cy
19	SURFACING MATERIAL (SPECIAL)	815	cy
20	BOLLARD (PERMANENT)	18	ea
MEASURED QUANTITY BID ITEMS-DRAINAGE			
21	PIPE, END SECTION 15" (CMP)	4	ea
22	PIPE, SWS 15" (CMP)	48	lf
23	MH ADJUSTED W/O NEW RING & COVER	2	ea
LUMP SUM BID ITEMS-BRIDGE			
24	CONTRACTOR CONSTRUCTION STAKING (BRIDGE ITEMS ONLY)	1	LS
25	PREFABRICATED BRIDGE (STEEL) (30 FT)	2	ea
26	PREFABRICATED BRIDGE (STEEL) (70 FT)	1	ea
27	CONCRETE (GRADE 4.0)	175	cy
28	CONCRETE (GRADE 4.0)(AE)	401	cy
29	REINFORCING STEEL (GRADE 60)	36,928	lb
30	REINFORCING STEEL (GRADE 60)(EPOXY COATED)	22,950	lb
31	GRANULAR BACKFILL (WINGWALLS)	1,078	cy
MEASURED QUANTITY BID ITEMS-BRIDGE			
32	PILES (STEEL) (HP10X42)	1,334	lf
33	CONTRACTOR FINISHED PDA	6	ea
34	BRIDGE BACKWALL PROTECTION SYSTEM	273	sy
35	HANDRAIL (ALUMINUM)	216	lf
36	HANDRAIL (STEEL)	125	lf
37	ABUTMENT STRIP DRAIN	109	sy
38	SLOPE PROECTION (SHOT ROCK)	322	cy
39	CONCRETE FOR SEAL COURSE	13	cy
40	FOUNDATION STABILIZATION	69	cy

RECAPITULATION OF QUANTITIES			
LINE NO.	PAVING BID ITEM DESCRIPTION	QUANTITY	UNIT
LUMP SUM BID ITEMS-LANDSCAPING			
41	SEEDING (BUFFALO)	7,744	sy
42	SEEDING, TEMPORARY	1	LS
43	SODDING (BUFFALO)	9,196	sy
MEASURED QUANTITY BID ITEMS-LANDSCAPING			
44	MULCH	706	cy
45	MULCH TACKING SLURRY	3,150	lb
46	TREE, LEGACY SUGAR MAPLE - 2"-2.5" CALIPER	7	ea
47	TREE, SHANTUNG MAPLE - 2"-2.5" CALIPER	7	ea
48	TREE, AUTUMN BRILLIANCE SERVICEBERRY - 6'-7' HEIGHT	4	ea
49	TREE, OKLAHOMA REDBUD - 1.75"-2" CALIPER	9	ea
50	TREE, CHINESE PISTACHE - 2"-2.5" CALIPER	8	ea
51	TREE, SAWTOOTH OAK - 2"-2.5" CALIPER	5	ea
52	TREE, SWAMP WHITE OAK - 2"-2.5" CALIPER	10	ea
53	TREE, LACEBARK ELM - 2"-2.5" CALIPER	8	ea
54	BENCH	3	ea
55	BICYCLE RACK	3	ea
56	DOG WASTE BAG DISPENSER	3	ea
57	WASTE RECEPTACLE	3	ea
58	LIMESTONE BOULDER PLACEMENT	75	ea
LUMP SUM BID ITEMS-TRAFFIC			
59	PAVEMENT MARKINGS (EPOXY) (YELLOW) (4")	112	lf
60	PAVEMENT MARKINGS (EPOXY) (WHITE) (4")	426	lf
61	SIGNING, EXCEPT STREET NAME SIGNS	1	LS
62	TRAFFIC CONTROL	1	LS
MEASURED QUANTITY BID ITEMS-TRAFFIC			
63	SIGN, ELECTRONIC PORTABLE MESSAGE	40	day
MEASURED QUANTITY BID ITEMS-EROSION CONTROL			
64	BMP, BACK OF CURB PROTECTION	300	lf
65	BMP, CONSTRUCTION ENTRANCE	6	ea
66	BMP, CURB INLET PROTECTION	3	ea
67	BMP, DITCH CHECK	9	ea
68	BMP, SILT FENCE	28,500	lf
69	BMP, SILT FENCE REMOVAL	28,500	lf

RECAPITULATION OF QUANTITIES (NON-PARTICIPATING)			
LINE NO.	WATER BID ITEM DESCRIPTION	QUANTITY	UNIT
LUMP SUM BID ITEMS-WATER LINE PROJECT			
70	SITE CLEARING (INCLUDING TREE REMOVAL)	1	LS
71	SITE RESTORATION	1	LS
72	SEEDING (TEMPORARY)	1	LS
MEASURED QUANTITY BID ITEMS-WATER LINE PROJECT			
73	BMP, SILT FENCE	4000	lf
74	BMP, SILT FENCE REMOVAL	4000	lf
75	CONNECT TO EXISTING STRUCTURE (2" WL)	1	ea
76	CONNECT TO EXISTING STRUCTURE (8" WL)	1	ea
77	PIPE, WL 2"	94	lf
78	PIPE, WL 8"	1909	lf
79	FIRE HYDRANT	1	ea
80	SERVICE OUTLET ASSEMBLY, 2"	1	ea
81	VALVE ASSEMBLY, 8"	1	ea

RECAPITULATION OF QUANTITIES (NON-PARTICIPATING)			
LINE NO.	SEWER BID ITEM DESCRIPTION	QUANTITY	UNIT
LUMP SUM BID ITEMS-SANITARY SEWER PROJECT			
82	LIFT STATION REMOVED (SALVAGE)	1	LS
83	SITE CLEARING (INCLUDING TREE REMOVAL)	1	LS
84	SITE RESTORATION	1	LS
85	SEEDING (TEMPORARY)	1	LS
86	ABANDONMENT & REMOVAL OF FORCE MAIN	1	LS
MEASURED QUANTITY BID ITEMS-SANITARY SEWER PROJECT			
87	AIR TESTING, SS PIPE	1914	lf
88	FILL, SAND (FLUSHED & VIBRATED)	305	lf
89	BMP, SILT FENCE	4000	lf
90	BMP, SILT FENCE REMOVAL	4000	lf
91	CONNECT TO EXISTING STRUCTURE (8" STUB PIPE)	1	ea
92	PIPE, SS 18"	392	lf
93	PIPE, SS 21"	1522	lf
94	MH, CONNECT TO EXISTING	1	ea
95	MH, STANDARD SS (5') (LINED)	3	ea
96	MH, STANDARD SS (6') (LINED)	1	ea

RECAPITULATION OF QUANTITIES			
LINE NO.	PAVING BID ITEM DESCRIPTION	QUANTITY	UNIT
ADD ALTERNATE #1			
LUMP SUM BID ITEMS-BRIDGE ALTERNATE			
97	HANDRAIL ALUMINUM (DECORATIVE PANELS)	1	LS

1	9-11-2019	Added Line No. 7	JJU	JW	
NO.	DATE	REVISIONS	BY	APP'D	
KANSAS DEPARTMENT OF TRANSPORTATION					
SUMMARY OF QUANTITIES					
RD050					
FHWA APPROVAL	5-28-08	APP'D. James O. Brewer			
DESIGNED	DETAILED	QUANTITIES	TRACED	B.N.B.	
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK.	S.W.K.	