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J:\PROJECTS\2017\1401040290 - COW_127THE_13TH TO 21ST\05-CIVIL\QA\QUANTITIES\14090203.DWG

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0615-01	2017	113	183



STREET IMPROVEMENTS FOR
127TH STREET EAST
FROM 13TH STREET NORTH TO 21ST STREET NORTH

RECAPITULATION OF QUANTITIES			
LINE NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT
Lump Sum Bid Items - Paving			
1	Mobilization	1	LS
2	Removal of Existing Structures	1	LS
3	Transport of Salvaged Materials (Non-Participating)	1	LS
4	Site Clearing	1	LS
5	Site Restoration	1	LS
6	Pavement &/or Curb Removed	18,027	sy
7	Excavation	20,910	cy
8	Fill, Compacted (95% Density)	6,363	cy
9	Fill, Select	1,573	cy
10	Crushed Rock Base 8", Reinforced	26,647	sy
11	Crushed Rock Base 7", Reinforced	2,370	sy
12	Crushed Rock Base 6", Reinforced	437	sy
13	Retaining Wall, Modular Block	399	sf-face
14	Temporary Shoring	1	LS
Lump Sum Bid Items - Bridge			
15	Class I Excavation	167	cy
16	Class II Excavation	82	cy
17	Concrete (Grade 4.0)(AE)	47	cy
18	Concrete (Grade 4.0)(AE)(SA)	215	cy
19	Reinforcing Steel (Grade 60)	76,540	lbs
20	Construction Staking, Bridge	1	LS
Lump Sum Bid Items - Landscaping			
21	Seeding	1	LS
22	Sodding	1	LS
23	Tree Row Removed	1,440	lf
Lump Sum Bid Items - Traffic			
24	Pavement Marking	1	LS
25	Signing, Except Street Name Signs	1	LS
26	Signing, Street Name Signs Only	1	LS
27	Traffic Signalization	1	LS
28	Traffic Control	1	LS
Measured Quantity Bid Items - Paving			
29	Field Office and Laboratory (Type A)	1	ea
30	Sidewalk, Drive &/or Pkg Lot Removed	608	sy
31	Excavation, Special	85	cy
32	AC Pavement, 7" (5" Bit. Base)	21,062	sy
33	Concrete Approach 12", Bridge	155	sy
34	Bridge Approach Slab Footing	63	cy
35	Concrete Pavement 12" (Reinf.)	359	sy
36	Concrete Pavement 15" (Reinf.)	611	sy
37	Concrete Pavement (VG) 8" Reinf.	2,211	sy
38	Concrete Driveway 8" (Reinf.)	4,386	sf
39	AC Pavement 5"	72	sy
40	Concrete Sidewalk 4"	43,667	sf
41	Concrete Sidewalk 5" (Reinf.)	600	sf
42	Sidewalk Thickening	489	lf
43	Wheelchair Ramp w/ Detectable Warnings	22	ea
44	Brick Pavers	56	sy
45	Concrete Base 8" (Reinf.)	72	sy
46	Concrete C&G, Type 1 (6" & 1-1/2")	9,488	lf
47	Concrete C&G, Type 3 (8")	3,691	lf
48	Concrete Curb, Mono Edge (6" & 1-1/2")	916	lf
49	Concrete Curb, Mono Edge (8")	106	lf
50	Concrete Protection Curb	150	lf
51	Concrete Protection Curb, Special	28	lf
52	Concrete Ramp Nose Section	20	ea
53	Concrete Flume	22	lf
54	Retaining Wall, Cast-In-Place	700	lf
55	Concrete Safety Barrier	685	lf
56	Concrete Safety Barrier, Special	163	lf
57	Handrail, Pedestrian	11	lf
58	Handrail, Bicycle	662	lf
59	Asphalt Hook-up	312	sy

RECAPITULATION OF QUANTITIES			
LINE NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT
60	Rip-Rap, Light Stone	1,220	sy
61	Turf Reinforcement Mat	3,194	sy
62	Pipe, PVC 4"	615	lf
63	Inlet Removed	4	ea
64	Manhole Removed	1	ea
65	Pipe Removed	1,953	lf
66	Inlet plug	1	ea
67	Pipe Plug	1	ea
68	Mailbox Removed and Reset	3	ea
69	MH Adjusted	5	ea
70	MH Adjusted, Special	2	ea
71	MH, Reconstructed	1	ea
Measured Quantity Bid Items - Drainage			
72	Pipe, SWS 15" RCP	239	lf
73	Pipe, SWS 18" RCP	604	lf
74	Pipe, SWS 24" RCP	1,022	lf
75	Pipe, SWS 30" RCP	1,211	lf
76	Pipe, SWS 36" RCP	689	lf
77	Pipe, SWS 42" RCP	841	lf
78	Pipe, SWS 48" RCP	160	lf
79	Pipe, SWS, HERCP (34" x 53"){42}	51	lf
80	Pipe, SWS, HERCP (38" x 60"){48}	104	lf
81	Pipe, SWS, HERCP (43" x 68"){54}	189	lf
82	Pipe, SWS, RCBC (5' x 4')	123	lf
83	Pipe, SWS, RCBC (7' x 4')	81	lf
84	Sand Backfill, Flushed and Vibrated	4,054	lf
85	Inlet, Curb (Type 1)(L=10' W=3')	8	ea
86	Inlet, Curb (Type 1)(L=10' W=4')	8	ea
87	Inlet, Curb (Type 1)(L=10' W=5')	4	ea
88	Inlet, Curb (Type 1)(L=10' W=7')	1	ea
89	Inlet, Curb (Type 1)(L=15' W=4')	3	ea
90	Inlet, Curb (Type 1)(L=15' W=6')	1	ea
91	Inlet, Curb (Type 1)(L=15' W=7')	1	ea
92	Inlet, Curb (Type 1A)(L=10' W=3')	2	ea
93	Inlet, Curb (Type 1A)(L=10' W=4')	1	ea
94	Inlet, Curb (Type 1A)(L=10' W=6')	1	ea
95	Inlet, Curb (Type 2)(L=6' 2-1/2" W=3' 4-3/8")	4	ea
96	Inlet, Drop (Single)	5	ea
97	Inlet, Drop (Double)	1	ea
98	MH, Standard SWS (5')	4	ea
99	MH, Shallow SWS (4')	2	ea
100	MH, Shallow SWS (6')	2	ea
101	MH Stack (4')	1	ea
102	MH, Reinforced Concrete (6' x 3')	2	ea
103	MH, Reinforced Concrete (6' x 4')	1	ea
104	MH, Reinforced Concrete (6' x 6')	2	ea
105	MH, Reinforced Concrete (10' x 7')	1	ea
106	Pipe, SWS, PVC 4", Perforated	691	lf
107	Inlet Hook-up	36	ea
Measured Quantity Bid Items - Bridge			
108	Multi-Layer Polymer Overlay	645	sy
109	Piles (Steel)(HP12x53)	189	lf
110	Piles (Steel)(HP12x74)	208	lf
111	Contractor Furnished PDA	2	ea
112	Handrail, Pedestrian	100	lf
113	Handrail, Bicycle	200	lf
114	Rip-Rap, Reinforced Concrete	208	sy
115	Bridge Plaque (Non-participating)	1	ea
Measured Quantity Bid Items - Erosion Control BMP			
116	BMP, Back of Curb Protection	13,132	lf
117	BMP, Curb Inlet Protection	35	ea
118	BMP, Drop Inlet Protection	9	ea
119	BMP, Silt Fence	1,808	lf
120	BMP, Construction Entrance	8	ea

RECAPITULATION OF QUANTITIES			
LINE NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT
Measured Quantity Bid Items - Landscaping			
121	Tree, Chinese Pistache, 3" Cal., B&B	34	ea
122	Tree, Shantung Maple, 2.5" Cal. B&B	31	ea
123	Tree, Prairie Fire Crabapple, 2" Cal. B&B	19	ea
124	Tree, Hot Wings Tatarian Maple, 2.5" Cal. B&B	24	ea
125	Large Tree Removal	62	ea
126	Small Tree Removal	15	ea
Measured Quantity Bid Items - Traffic			
127	AC Pavement 6", Temporary (Phase Shift)	366	sy
128	Concrete Safety Barrier, Temporary	1,155	lf
129	Portable Changeable Electronic Message Sign	200	days
Measured Quantity Bid Items - Water (Non-Participating)			
130	Pipe, DI CL 6"	23	lf
131	Pipe, DI CL 8"	63	lf
132	Pipe, DI CL 16"	113	lf
133	Pipe, WL 6"	20	lf
134	Pipe, WL 8"	88	lf
135	Pipe, WL 16"	625	lf
136	Pipe, WL 16", Trenchless	458	lf
137	Valve Assembly, 8"	2	ea
138	Valve Assembly, 16"	3	ea
139	Fire Hydrant Assembly	2	ea
140	Fire Hydrant	1	ea
141	Fire Hydrant Removal	3	ea
142	Cut and Cap	2	ea
143	Valve Box Adjusted	21	ea
144	Valve Box Removed	6	ea
145	Water Meter Relocated	11	ea
146	Water Meter Adjusted	2	ea
147	AC Pavement 6", Temporary (Utility Patch)	150	sy

For Utility Adjustments see the Paving Plan sheets 5-20.
 For Storm Sewer Summary of Quantities see sheet 21.
 For Concrete Retaining Wall Quantities see sheet 80.
 For Bridge Quantities see sheet 81.
 For Erosion Control Quantities see sheet 116.
 For Roadside Improvements Quantities see sheet 124.
 For Pavement Marking Quantities see sheet 131.
 For Signing Quantities see sheet 133.

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RECAPITULATION OF QUANTITIES

PROJECT NO.	472-85158	
DATE	11/29/17	
SCALE	NTS	
DESIGNED	JRA	
DRAWN	LES	
CHECKED	JRA	
NO.	REVISION	DATE

SHEET NO.
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