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 PLOTTED: Wednesday, September 04, 2019 @ 12:30PM

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0662-01	2019	111	194



RECAPITULATION OF QUANTITIES			
CITY OF WICHITA PROJECT NO. 472-84014			
LINE NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT
<b>Lump Sum Bid Items - Paving</b>			
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	17,156	sy
7	Excavation	9,695	cy
8	Fill, Compacted (95% Density)	761	cy
9	Crushed Rock Base 8", Reinforced	269	sy
10	Crushed Rock Base 7", Reinforced	1,552	sy
11	Crushed Rock Base 6", Reinforced	22,897	sy
<b>Lump Sum Bid Items - Roadside Improvements</b>			
12	Sodding, Buffalo	1	LS
13	Seeding, Buffalo	1	LS
<b>Lump Sum Bid Items - Plaza (Non-Participating)</b>			
14	Electrical Service	1	LS
<b>Lump Sum Bid Items - Traffic</b>			
15	Pavement Marking	1	LS
16	Signing, Except Street Name Signs	1	LS
17	Signing, Street Name Signs Only (Non-Participating)	1	LS
18	Traffic Signalization, 17th & Broadway	1	LS
19	Traffic Signalization, 17th & Mosley	1	LS
20	Traffic Signalization, 17th & Broadway (Temporary)	1	LS
21	Traffic Control	1	LS
<b>Measured Quantity Bid Items - Paving</b>			
22	Field Office and Laboratory (Type A)	1	ea
23	Sidewalk, Drive, &/or Pkg Lot Removed	9,487	sy
24	Concrete Approach 12", Railroad	774	sy
25	Concrete Pavement 9" (NRDJ)	18,977	sy
26	Concrete Pavement 9" (Reinf.)	1,692	sy
27	Concrete Pavement 8" (Reinf.)	640	sy
28	Concrete Pavement (VG) 8" Reinf.	734	sy
29	Concrete Driveway 8" (Reinf.)	19,486	sf
30	Concrete Alley 8" (Reinf.)	2,037	sf
31	AC Pavment 7" (5" Bit. Base)	217	sy
32	AC Pavment 12" (10" Bit. Base)	6	sy
33	AC Pavement 6"	167	sy
34	Concrete Sidewalk 4"	30,161	sf
35	Concrete Sidewalk 5" (Reinf.)	3,814	sf
36	Concrete Sidewalk 8" (Reinf.)	2,616	sf
37	Sidewalk Thickening	584	if
38	Wheelchair Ramp w/ Detectable Warnings	57	ea
39	Brick Pavers, Median	172	sy
40	Brick Pavers, Crosswalk	503	sy
41	Concrete Base 8" (Reinf.)	557	sy
42	Concrete C&G, Type 1 (6" & 1-1/2")	767	if
43	Concrete C&G, Type 2 (3-5/8" RL & 1-1/2")	80	if
44	Concrete Curb, Mono Edge (6" & 1-1/2")	7,228	if
45	Concrete Curb, Mono Edge (8")	974	if
46	Concrete Pavement Removed & Replaced	145	if
47	Concrete Curb, Mono Edge, Removed & Replaced	70	if
48	Concrete C & G Removed and Replaced	15	if
49	Concrete C & G (Special) Removed and Replaced	298	if
50	Concrete Sidewalk 4" Removed and Replaced	136	sf
51	Concrete Sidewalk 5", Removed and Replaced	389	sf
52	Concrete Ramp Nose Section (Median)	10	ea
53	Concrete Protection Curb	858	if
54	Asphalt Hook-up	197	sy
55	Aggregate Hook-up	840	sy
56	Curb Casting 6"	1	ea
57	Monitoring Well Capped	6	ea

RECAPITULATION OF QUANTITIES			
CITY OF WICHITA PROJECT NO. 472-84014			
LINE NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT
58	Fence Removed	1,409	lf
59	Fence (Temporary Construction)	270	lf
60	Fence Removed and Replaced	40	lf
61	End of Track Device	3	ea
62	Railroad Track Removed	95	lf
63	Railroad Signal Removed	2	ea
64	Wall Removed	43	lf
65	Floor Slab Removed	173	sy
66	Pipe, SWS, Removed	2,365	lf
67	Inlet Removed	21	ea
68	MH, SWS, Removed	14	ea
69	Valve Adjusted	12	ea
70	MH Adjusted	3	ea
71	MH Adjusted w/ New Ring & Cover	10	ea
<b>Measured Quantity Bid Items - Drainage</b>			
72	Pipe, SWS 15" RCP	559	lf
73	Pipe, SWS 18" RCP	1,034	lf
74	Pipe, SWS, HERCP (23" x 14")\{18}	62	lf
75	Pipe, SWS 24" RCP	615	lf
76	Pipe, SWS 24" RCP, Special	59	lf
76	Pipe, SWS 30" RCP	125	lf
77	Pipe, SWS 36" RCP	745	lf
78	Pipe, SWS 48" RCP	227	lf
79	Pipe, SWS 48" RCP, Special	293	lf
80	Pipe, SWS, HERCP (34" x 53")\{42}	428	lf
81	Pipe, SWS, HERCP (38" x 60")\{48}	38	lf
82	Pipe, SWS, RCBC (5' x 3')	726	lf
83	Pipe, SWS, RCBC (8' x 3')	513	lf
84	Pipe, SWS, RCBC (8' x 5')	584	lf
85	Pipe, SWS, RCBC (8' x 5'), Special	66	lf
86	Pipe, SWS, RCBC (8' x 5'), Watertight	897	lf
87	Sand Backfill, Flushed and Vibrated	7,890	lf
88	Inlet, Curb (Type 1)(L=5', W=3')	1	ea
89	Inlet, Curb (Type 1)(L=10', W=3')	10	ea
90	Inlet, Curb (Type 1)(L=10', W=4')	1	ea
91	Inlet, Curb (Type 1)(L=10', W=5')	1	ea
92	Inlet, Curb (Type 1)(L=10', W=6')	1	ea
93	Inlet, Curb (Type 1)(L=15', W=3')	1	ea
94	Inlet, Curb (Type 1)(L=15', W=4')	1	ea
95	Inlet, Curb (Type 1A)(L=5', W=3'), Special	2	ea
96	Inlet, Curb (Type 1A)(L=10', W=3'), Special	25	ea
97	Inlet, Curb (Type 1A)(L=10', W=4'), Special	2	ea
98	Inlet, Curb (Type 1A)(L=15', W=3'), Special	3	ea
99	Inlet, Curb (Type 2)(L=6'-4", W=3'-4")	5	ea
100	Inlet, Curb (Type 2)(L=6'-4", W=11'-0"), Special	1	ea
104	Inlet, Grated Driveway, Double	1	ea
101	Inlet, Drop (Single)	3	ea
102	Inlet, Drop (Double)	3	ea
103	Inlet, Drop (Double-Double)	1	ea
104	MH, Standard SWS (5')	2	ea
105	MH, Standard SWS (6')	3	ea
106	MH, Shallow SWS (4')	1	ea
107	MH, Shallow SWS (5')	1	ea
108	MH, Shallow SWS (5'), Doghouse	1	ea
109	MH Stack (4')	18	ea
110	MH, Reinforced Concrete (L=7', W=4')	11	ea
111	MH, Reinforced Concrete (L=7', W=5')	1	ea
112	MH, Reinforced Concrete (L=10', W=4')	2	ea
113	MH, Reinforced Concrete (L=10', W=7')	1	ea
114	MH, Reinforced Concrete (L=14', W=4')	2	ea
115	Pipe, SWS, PVC 4", Perforated	926	lf
116	Pipe, SWS PVC 4"	88	lf
117	Pipe, SWS PVC 6"	62	lf
118	Downspout Connection	5	ea
119	Connection to Existing Structure	10	ea

RECAPITULATION OF QUANTITIES			
CITY OF WICHITA PROJECT NO. 472-84014			
LINE NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT
120	Inlet Hook-up	22	ea
121	Inlet Hook-up, Special	33	ea
122	Pipe, SWS, Abandoned In Place	188	lf
123	MH, SWS, Abandoned	2	ea
124	Concrete (Grade 4.0)(AE)	25	cy
125	Reinforcing Steel (Grade 60)	1,970	lbs
126	Flap Gate	1	ea
127	Rip-rap, Concrete 6", (Reinf.)	52	sy
128	Groundwater Management	1	LS
129	Waste Water Pumping (Sanitary Sewer)	2,500	1,000 Gal
130	Waste Water Pumping (Aeration)	500	1,000 Gal
131	Waste Water Pumping	150	1,000 Gal
<b>Bid items - Erosion Control BMP</b>			
132	BMP, Back of Curb Protection	5,920	lf
133	BMP, Curb Inlet Protection	53	ea
134	BMP, Drop Inlet Protection	11	ea
135	BMP, Construction Entrance	15	ea
<b>Measured Quantity Bid Items - Roadside Improvements</b>			
136	Tree Removed, Small	5	ea
137	Tree Removed, Large	8	ea
<b>Measured Quantity Bid Items - Plaza (Non Participating)</b>			
138	Concrete Banding	155	lf
139	1/2" Moline Gravel	70	sy
140	Brick Pavers, Plaza	134	sy
141	Concrete Base 4" (Reinf.)	134	sy
142	Concrete C&G, Type 4 (6-5/8" x 1-1/2")	52	lf
143	Wheelchair Ramp, Special	3	ea
144	Concrete Landscape Curb	120	lf
145	Concrete Sidewalk 6" (Reinf.)	2,400	sf
146	Sidewalk Thickening, Special	44	lf
147	Brick Pavers, Crosswalk (Special)	54	sy
148	Light Column 5"	10	ea
149	Large Shade Structure	1	ea
150	Small Accent Structure	2	ea
151	Tables	4	ea
152	Statue Base / Custom Seat	1	ea
153	Stadium Seat Installation	1	ea
154	Sculpture Up Lighting	4	ea
155	Downlights	12	ea
156	LED Strip Lights	30	lf
157	Inlet, Drop (Nyloplast or Equal)	1	ea
158	Pipe, SWS, PVC 8"	69	lf
159	Tree, Shantung Maple, 3" Cal., B&B	5	ea
160	Perennial, #1 Container	620	ea
161	Pavement Marking, Baseball	2	ea
<b>Measured Quantity Bid Items - Traffic</b>			
162	AC Pavement 6", Temporary	1,000	sy
163	AC Pavement 6", Temporary (Phase Shifts)	157	sy
164	Crushed Rock Base 5", Temporary	72	sy
165	AC Curb, Temporary	102	lf
166	Concrete Safety Barrier, Temporary	460	lf
167	Portable Changeable Electronic Message Sign	300	days

FOR UTILITY ADJUSTMENTS SEE THE PAVING PLAN SHEETS 5-13.  
 FOR REMOVAL OF EXISTING PIPES AND STRUCTURE SEE THE PAVING PLAN SHEETS 5-13.  
 FOR STORM SEWER SUMMARY OF QUANTITIES SEE SH. NO. 18.  
 FOR STORM SEWER OUTFALL SUMMARY OF QUANTITIES SEE SH. NO. 84.  
 FOR EROSION CONTROL SUMMARY OF QUANTITIES SEE SH. NO. 113.  
 FOR ROADSIDE IMPROVEMENT SUMMARY OF QUANTITIES SEE SH. NO. 120.  
 FOR TRAFFIC SIGNAL SUMMARY OF QUANTITIES SEE SH. NO. 136 & 138.  
 FOR PAVEMENT MARKING SUMMARY OF QUANTITIES SEE SH. NO. 145.  
 FOR SIGNING SUMMARY OF QUANTITIES SEE SH. NO. 148.  
 FOR TEMPORARY PAVEMENT PATCHING SEE SH. NO. 156.

RECAPITULATION OF QUANTITIES			
CITY OF WICHITA PROJECT NO. 468-85229			
LINE NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT
<b>Measured Quantity Bid Items - Sanitary Sewer (Non-Participating)</b>			
168	Pipe, SS 8"	700	lf
169	Pipe, SS 15"	150	lf
170	Pipe, Casing (12" ID)	22	lf
171	Pipe, Casing (16" ID min.) Bore & Jack	101	lf
172	Fill, Flowable	136	lf
173	Fill, Sand (Flushed & Vibrated)	609	lf
174	Pipe, Plug Existing	2	ea
175	Pipe, Connect to Existing	4	ea
176	Air Testing, SS Pipe	850	lf
177	MH, Standard SS (4')	4	ea
178	MH, Shallow SS (4')	1	ea
179	MH, Standard SS (4') w/ Outside Drop	1	ea
180	MH, Standard SS (5') w/ Outside Drop	1	ea
181	MH, Standard SS (6')	2	ea
182	MH Invert, Reconstructed	1	ea
183	MH, Joint Wrap	152	lf
184	MH, Connect to Existing	6	ea
185	Bypass Pumping	1	LS
186	Pipe, SS, Removed	360	lf
187	MH, SS Abandoned	3	ea
188	MH, SS, Removed	8	ea
189	Pipe, SS, Abandoned In Place	508	lf

RECAPITULATION OF QUANTITIES			
CITY OF WICHITA PROJECT NO. 448-90078			
LINE NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT
<b>Measured Quantity Bid Items - Water (Non-Participating)</b>			
190	Pipe, D1CL 6"	20	lf
191	Pipe, D1CL 8"	481	lf
192	Pipe, D1CL 16"	31	lf
193	Pipe, D1CL 42"	40	lf
194	Pipe, WL 2"	29	lf
195	Pipe, WL 4"	30	lf
196	Pipe, WL 6"	20	lf
197	Pipe, WL 8"	2,495	lf
198	Pipe, WL 16"	509	lf
199	Pipe, Casing (18" ID Min.)	116	lf
200	Pipe, Casing (30" ID Min.)	139	lf
201	Valve Assembly, 4"	3	ea
202	Valve Assembly, 6"	1	ea
203	Valve Assembly, 8"	13	ea
204	Valve Assembly, 16"	4	ea
205	Blowoff Assembly	1	ea
206	Outlet Assembly, 2"	1	ea
207	Fire Hydrant Assembly	9	ea
208	Fire Hydrant Removal	9	ea
209	Pipe, WL Removed	616	lf
210	Cut and Cap	28	ea
211	Valve Box Removed	27	ea
212	Long Service	5	ea
213	Short Service	9	ea
214	Water Meter Adjusted	3	ea

RECAPITULATION OF QUANTITIES			
LINE NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT
<b>Measured Quantity Bid Items - Add Alternate</b>			
215	Art Display Panels	8	ea

STREET IMPROVEMENTS FOR  
**17TH ST - BROADWAY TO I-135**  
 FROM BROADWAY TO I-135

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**RECAPITULATION OF QUANTITIES**

PROJECT NO.	87 N-0662-01
DATE	8/30/2019
SCALE	NA
DESIGNED	JRA
DRAWN	WNJ
CHECKED	JRA

NO.	REVISION	DATE

SHEET NO. 111 OF 194