

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0597-01	2016	104	191



PERMANENT PAVEMENT PATCHING					
STATION TO STATION	Concrete C&G, Removed and Replaced (lf)	Concrete Curb, Mono Edge, Removed and Replaced (lf)	Concrete Driveway, Removed and Replaced (sf)	Concrete Pavement, Removed and Replaced (lf)	AC Pavement Median Surface, Removed and Replaced (sy)
Minneapolis St.		114.8	165.6	26.0	
Southeast Blvd. (N)	300.0				
Southeast Blvd. (S)	475.0				341.0
Water Line 1	12.0			12.0	
<b>Total</b>	<b>787.0</b>	<b>114.8</b>	<b>165.6</b>	<b>38.0</b>	<b>341.0</b>

TEMPORARY PAVEMENT PATCHING						
STATION	OFFSET	AC Pavement 6", Temporary (sy)	AC Pavement 6", Temporary (Phase Shifts) (sy)	AC Pavement 6", Temporary (Utility Patch) (lf)	Crushed Rock Base 5", Temporary (sy)	Remarks
Water Lines						
Pawnee Ave.						
11+34.56 to 11+38.95	Lt.			2.25		Line 4
23+88.32	Lt.			23.81		Line 6
33+64.37	Lt.			39.51		Line 7
36+46.20	Lt.			65.80		Line 8
38+28.63	Rt.			5.68		Line 9
Hydraulic Ave.						
43+73.32 to 52+29.27	Lt.			864.24		Line 1
44+74.32	Lt. & Rt.			46.66		Line 2
56+88.39	Lt.			5.32		Line 2
Sanitary Sewer Lines						
Pawnee Ave.						
7+81.10	Lt. & Rt.			57.36		Line 1
28+80.45	Lt. & Rt.		471.90			Phase 1C
Traffic Control						
Pawnee Ave.						
24+28.9 to 28+42.0	C/L		623.20		623.20	Phase 1A
30+40.8 to 33+08.4	C/L		284.60		284.60	Phase 1A
34+55.6 to 35+16.9	C/L		56.00		56.00	Phase 2A
I-135 North On Ramp	Lt.		26.80		26.80	Phase 2A
I-135 North Off Ramp	Lt.		16.60		16.60	Phase 2A
32+60.0 to 32+89.2	Lt.		18.30		18.30	Phase 4
Hydraulic Ave.						
54+09.6 to 54+84.6	Lt.		57.90		57.90	Phase 2B
Southeast Blvd.						
North	C/L		292.90		292.90	Phases 2A & 3
South	C/L		331.60		331.60	Phases 2A & 3
Project						
		1000.00				Traffic Control
<b>Total</b>		<b>1,000.00</b>	<b>2,179.80</b>	<b>1,110.63</b>	<b>1,707.90</b>	

RECAPITULATION OF QUANTITIES			
LINE NO.	PAVING BID ITEM DESCRIPTION	QUANTITY	UNIT
<b>Lump Sum Bid Items - Paving</b>			
1	Mobilization	1	LS
2	Removal of Existing Structures	1	LS
3	Site Clearing	1	LS
4	Site Restoration	1	LS
5	Pavement and/or Curb Removed	33,360	sy
6	Excavation	6,014	cy
7	Fill, Compacted (95% Density)	892	cy
8	Crushed Rock Base 8", Reinforced	1,261	sy
9	Crushed Rock Base 7", Reinforced	1,377	sy
10	Crushed Rock Base 6", Reinforced	34,054	sy
11	Transport of Salvaged Materials (Non-Participating)	1	LS
<b>Lump Sum Bid Items - Landscaping</b>			
12	Seeding	1	LS
13	Sodding	1	LS
<b>Lump Sum Bid Items - Traffic</b>			
14	Traffic Signalization, Pawnee and Hydraulic	1	LS
15	Traffic Signalization, Pawnee and Southeast	1	LS
16	Traffic Signalization, Pawnee and SB I-135 Ramps	1	LS
17	Traffic Signalization, Pawnee and NB I-135 Ramps	1	LS
18	Traffic Signalization, Pedestrian	1	LS
19	Traffic Signalization, Pawnee and Hydraulic, Temporary	1	LS
20	Traffic Signalization, Pawnee and Southeast, Temporary	1	LS
21	Traffic Signalization, Pawnee and SB I-135 Ramps, Temporary	1	LS
22	Traffic Signalization, Pawnee and NB I-135 Ramps, Temporary	1	LS
23	Traffic Signalization, Pedestrian, Temporary	1	LS
24	Pavement Markings	1	LS
25	Signing, Except Street Name Signs	1	LS
26	Signing, Street Name Signs Only	1	LS
27	Traffic Control	1	LS
<b>Measured Quantity Bid Items - Paving</b>			
28	Field Office & Laboratory (Type A)	1	ea
29	Sidewalk, Drive, &/or Pkg Lot Removed	8,264	sy
30	AC Pavement 7" (5" Bit. Base)	1,042	sy
31	AC Pavement 2" Mill & Overlay	578	sy
32	AC Pavement 6"	293	sf
33	Asphalt Widening	19	sy
34	Interlayer Pavement Reinforcement	50	sy
35	Concrete Approach 12", Bridge	263	sy
36	Concrete Approach 12", Railroad	331	sy
37	Concrete Pavement 12" (Reinf)	510	sy
38	Concrete Pavement 9" (Reinf)	6,255	sy
39	Concrete Pavement 9" (NRDJ)	22,399	sy
40	Concrete Pavement (VG) 8" (Reinf.)	1,298	sy
41	Concrete Driveway 8" (Reinf)	32,758	sf
42	Concrete Safety Barrier, Special	110	lf
43	Concrete C & G, Type 1 (6" & 1-1/2")	7,697	lf
44	Concrete C & G, Type 1 (6" & 1-1/2"), Special	170	lf
45	Concrete C & G, Type 3 (8" & 1-1/2")	2,484	lf
46	Concrete Curb, Mono Edge (6" & 1-1/2")	1,176	lf
47	Concrete Curb, Mono Edge, Special	11	lf
48	Concrete Sidewalk 4"	33,310	sf
49	Concrete Sidewalk 5"	5,452	sf
50	Sidewalk Thickening	1,127	lf
51	Concrete Sidewalk Protection Curb	507	lf
52	Concrete Sidewalk Protection Curb, Special	24	lf
53	Wheelchair Ramp w/ Detectable Warnings	42	ea
54	Concrete Pavement 4" (Stamped & Colored)	1,290	sy
55	Brick Pavers, Cross-Walk	833	sy
56	Concrete Base 8", Reinf.	833	sy
57	Concrete Ramp Nose Section (Median)	9	ea
58	Concrete Approach Footing, Bridge	54	cy
59	Concrete Approach Footing, Railroad	70	cy
60	Concrete C & G Removed & Replaced	787	lf
61	Concrete Curb, Mono Edge, Removed & Replaced	115	lf
62	Concrete Driveway Removed & Replaced	166	sf
63	Concrete Pavement Removed & Replaced	38	lf
64	AC Pavement Median Surface Removed & Replaced	341	sy
65	Fence, Temporary	400	lf
66	Aggregate Hookup	88	sy
67	Bus Bench, Remove and Reset	2	ea
68	MH Adjusted	6	ea

RECAPITULATION OF QUANTITIES			
LINE NO.	SANITARY SEWER BID ITEM DESCRIPTION	QUANTITY	UNIT
<b>Lump Sum Bid Items - Sanitary Sewer</b>			
136	Auger Cast Piling	4,040	lf
137	Concrete (Reinf)	22	cy
138	Structural Steel (Merchant Quality)	23,900	lbs.
139	Excavation, Class III	656	cy
140	Bypass Pumping (Excluding Fuel)	1	LS
141	MH Removed, Special	1	ea
142	Concrete	51	cy
143	Pipe, Connect to Existing	1	LS
144	Concrete Collar, Special	2	ea
145	Removal of Existing Structures	1	LS
<b>Measured Quantity Bid Items - Sanitary Sewer</b>			
146	Pipe, SS 8"	98	lf
147	Fill, Flowable	55	lf
148	Fill, Sand (Flushed and Vibrated)	700	cy
149	Pipe, Point Repair	1	ea
150	MH, Outside Drop Constructed (6')	1	ea
151	MH, Joint Wrap	137	lf
152	MH Removed	3	ea
153	Pipe Removed	325	lf
154	MH Reconstructed	1	ea
155	MH Frame and Cover, Replaced	1	ea
156	Air Testing, SS Pipe	110	lf
157	MH, Reinforced Concrete (10' x 8')	1	ea
158	AC Pavement 6" Temporary (Utility Patch)	58	sy
159	Bypass Pumping (Fuel)	25,000	gal
<b>Water Bid Item Description</b>			
<b>Measured Quantity Bid Items</b>			
160	Pipe, DI CL 4"	7	lf
161	Pipe, DI CL 6"	55	lf
162	Pipe, DI CL 8"	11	lf
163	Pipe, DI CL 16"	52	lf
164	Pipe, WL 8"	1,604	lf
165	Pipe, WL 16"	43	lf
166	Fire Hydrant Assembly	2	ea
167	Fire Hydrant Removal	1	ea
168	Valve Assembly, Anchored 8"	5	ea
169	Valve Assembly, Blowoff	1	ea
170	Service Line, Short 1"	13	ea
171	Service Line, Long 1"	8	ea
172	Water Meter Installed	21	ea
173	Water Meter Removed	21	ea
174	Pipe, Cut and Cap	5	ea
175	Pipe, Plug Existing	2	ea
176	AC Pavement 6", Temporary (Utility Patch)	1,054	lf
<b>Measured Quantity Bid Items - Erosion Control BMP</b>			
122	BMP, Back of Curb Protection	7,214	lf
123	BMP, Curb Inlet Protection	32	ea
124	BMP, Drop Inlet Protection	1	ea
125	BMP, Silt Fence	154	lf
126	BMP, Ditch Check	1	ea
127	BMP, Construction Entrance	8	ea
<b>Measured Quantity Bid Items - Landscaping</b>			
128	Tree Removed, Large	8	ea
129	Tree Removed, Small	6	ea
<b>Measured Quantity Bid Items - Traffic</b>			
130	Concrete Safety Barrier, Temporary	413	lf
131	Streetlight Pole and Base, Remove and Reset	8	ea
132	AC Pavement 6", Temporary	1,000	sy
133	AC Pavement 6", Temporary (Phase Shifts)	2,180	sy
134	Crushed Rock Base 5", Temporary	1,708	sy
135	Signing, Elec. Portable Message (each per day)	300	days

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137	Concrete (Reinf)	22	cy
138	Structural Steel (Merchant Quality)	23,900	lbs.
139	Excavation, Class III	656	cy
140	Bypass Pumping (Excluding Fuel)	1	LS
141	MH Removed, Special	1	ea
142	Concrete	51	cy
143	Pipe, Connect to Existing	1	LS
144	Concrete Collar, Special	2	ea
145	Removal of Existing Structures	1	LS
<b>Measured Quantity Bid Items - Sanitary Sewer</b>			
146	Pipe, SS 8"	98	lf
147	Fill, Flowable	55	lf
148	Fill, Sand (Flushed and Vibrated)	700	cy
149	Pipe, Point Repair	1	ea
150	MH, Outside Drop Constructed (6')	1	ea
151	MH, Joint Wrap	137	lf
152	MH Removed	3	ea
153	Pipe Removed	325	lf
154	MH Reconstructed	1	ea
155	MH Frame and Cover, Replaced	1	ea
156	Air Testing, SS Pipe	110	lf
157	MH, Reinforced Concrete (10' x 8')	1	ea
158	AC Pavement 6" Temporary (Utility Patch)	58	sy
159	Bypass Pumping (Fuel)	25,000	gal
<b>Water Bid Item Description</b>			
<b>Measured Quantity Bid Items</b>			
160	Pipe, DI CL 4"	7	lf
161	Pipe, DI CL 6"	55	lf
162	Pipe, DI CL 8"	11	lf
163	Pipe, DI CL 16"	52	lf
164	Pipe, WL 8"	1,604	lf
165	Pipe, WL 16"	43	lf
166	Fire Hydrant Assembly	2	ea
167	Fire Hydrant Removal	1	ea
168	Valve Assembly, Anchored 8"	5	ea
169	Valve Assembly, Blowoff	1	ea
170	Service Line, Short 1"	13	ea
171	Service Line, Long 1"	8	ea
172	Water Meter Installed	21	ea
173	Water Meter Removed	21	ea
174	Pipe, Cut and Cap	5	ea
175	Pipe, Plug Existing	2	ea
176	AC Pavement 6", Temporary (Utility Patch)	1,054	lf

For utility adjustment quantities see paving plan sheets 11-20.  
 For storm sewer summary of quantities see sheet 27.  
 For erosion control summary of quantities see sheet 106.  
 For roadside improvement summary of quantities see sheet 112.  
 For traffic signal summary of quantities see sheet 116, 118, 120, 122, and 123.  
 For pavement marking summary of quantities see sheet 129.  
 For signing summary of quantities see sheet 133 and 134.

STREET IMPROVEMENTS FOR:  
**PAWNEE AVENUE**  
**FROM HYDRAULIC TO POPLAR**  
 WICHITA, KANSAS

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SUMMARY OF QUANTITIES	
PROJECT NO.	87 N-0597-01
DATE	DATE
SCALE	NONE
DESIGNED	DRAWN
JRA	JSB
CHECKED	JRA
NO.	REVISION
	DATE
SHEET NO.	
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