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 PLOTTED: Monday, May 09, 2016 @ 07:28AM

DRIVEWAY PAVEMENT						DRIVEWAY PAVEMENT ITEMS ON PRIVATE PROPERTY						
STATION	SIDE	Concrete Driveway 8" (Reinf.) (sf)	P (ft)	L (ft)	Width (ft)	Concrete Driveway 8" (Reinf.) (sf)	AC Pavement 6" (sy)	Aggregate Hook-Up (sy)	Concrete Curb, Mono Edge (6" & 1-1/2") (lf)	Concrete C & G, Type 1 (6" & 1-1/2") (lf)	Concrete Sidewalk Protection Curb (lf)	Concrete Sidewalk 4" (sf)
Pawnee Ave.												
8+11.04	RT.	267.00	6.00	29.01	26.5	1001.86						
8+33.69	LT.	856.07	23.00	33.00	30.0	937.40					40.00	
8+71.61	RT.	318.00	6.00		35.0	2748.22						
11+52.08	LT.	738.54	23.00		25.0							
12+32.12	RT.	900.92	26.00		31.0				21.00			
15+93.13	LT.	423.80	12.00	10.00	31.0		45.6					
16+62.98	LT.	602.09	12.00	10.00	46.7	299.40	17.6				43.00	
16+95.46	RT.	463.80	16.37		25.0							
17+77.48	LT.	370.20	16.66		15.7							
18+02.69	RT.	655.52	18.73	10.00	30.4		28.2			20.00		
19+07.80	LT.	605.86	19.50		24.0							
19+95.37	LT.	727.18	19.50		30.2							
19+96.38	RT.	687.71	19.50	10.00	30.4		44.9					
21+14.40	LT.	724.48	19.50		30.1							
21+56.68	RT.	690.69	19.50		30.5							
22+30.54	LT.	726.81	19.50		30.2							
22+86.82	LT.	406.95	19.50		13.8							
24+67.84	RT.	434.20	8.91		35.0	1291.85				39.31	251.75	
24+94.32	LT.	697.24	18.80	10.00	30.0		81.2					
26+18.86	LT.	621.67	17.00		30.0							
26+73.45	LT.	316.06	17.00		12.0							
35+70.27	RT.	574.77	16.50		30.3							
36+34.04	RT.	574.32	16.50		30.3							
37+00.03	RT.	597.85	16.50		29.7							
37+90.17	RT.	645.94	18.74	10.00	30.0		51.9		10.00	10.00		
38+47.77	LT.	620.04	19.50		24.5							
39+89.15	RT.	703.25	22.55		24.1							
Hydraulic Ave.												
44+17.35	LT.	385.86	15.74	10.00	18.3	109.30						
44+68.53	LT.	265.18	14.84	10.00	12.0	80.94						
45+04.87	RT.	265.83	12.52		17.0							
45+23.62	LT.	258.55	13.98	5.00	13.0	38.88						
45+64.85	RT.	155.81	10.25	5.00	12.0	85.85						
45+74.57	LT.	225.49	13.18	10.00	12.0	145.94						
46+24.13	RT.	239.89	8.00	10.00	12.0		22.9					
46+27.82	LT.	217.93	12.35	10.00	13.0	173.58						
46+80.14	LT.	209.20	12.00	10.00	13.0	78.88						
46+90.73	RT.	258.99	7.00	5.00	19.0	95.00						
47+32.77	LT.	197.20	12.00	5.00	12.0	85.00						
47+57.38	RT.	963.04	27.00		31.0				40.00			
47+85.48	LT.	189.47	12.00		12.0							
48+09.69	LT.	237.47	12.00	30.00	16.0			53.3				
48+68.96	LT.	425.22	12.00	10.00	31.0	410.00						
51+33.98	LT.	851.49	22.00	5.00	31.4	169.55						
51+95.22	LT.	820.03	22.00	10.00	30.0	300.00						
52+28.67	RT.	361.58	12.00	5.00	25.7	11.50			10.00			
54+90.50	LT.	610.88	22.82	5.00	30.0	158.61						
55+57.68	LT.	276.81	16.00		12.0							
55+80.01	LT.	276.81	16.00		12.0							
Minnesota	LT.	131.06	10.27		12.0							
Minnesota	RT.	121.40	14.34		8.1							
Grove	LT.	451.71	14.38		33.0							
Grove	RT.	187.60	10.13		16.4							
Totals		24535.46				8221.76	292.3	53.3	61.00	40.00	132.31	251.75

P = Distance from back of curb to right-of-way line. L = Distance from back of curb to limit of driveway paving

SUMMARY OF SANITARY SEWER ITEMS																										
LOCATION	OFFSET	Pipe, SS 8" (lf)	Fill, Flowable (lf)	Fill, Sand (Flushed and Vibrated) (cy)	Pipe, Point Repair (ea)	MH, Outside Drop Constructed SS (6") (ea)	Pipe, Connect to Existing (LS)	Manhole Removed (ea)	Pipe Removed (lf)	MH Reconstructed (ea)	MH Frame and Cover, Replaced (ea)	Air Testing, SS Pipe (lf)	MH, Joint Wrap (lf)	Auger Cast Piling (lf)	Concrete (Reinf.) (cy)	Structural Steel (Merchant Quality) (lbs)	Excavation, Class III (cy)	Bypass Pumping (Excluding Fuel) (LS)	MH Removed, Special (ea)	Concrete (cy)	Concrete Collar, Special (ea)	Removal of Existing Structures (LS)	MH, Reinforced Concrete (10'x6') (ea)	Bypass Pumping (Fuel) (gal)	Remarks	
LINE 1		98	55.00			1	1	1	98.0			98.00	50													
7+81.11 TO 10+07.97	Lt.				1			2	226.9			12.00						1								
28+80.45	Rt.			700									87	4,040	22	23,900	656	1	1	51	2	1	1	25,000		
35+89.99	Lt.									1	1															
Total		98	55	700	1	1	1	3	324.9	1	1	110.00	137	4,040	22	23,900	656	1	1	51	2	1	1	25,000		

STORM SEWER REMOVALS					
STATION TO STATION	OFFSET	SIZE	STRUCTURE	LENGTH (ft.)	FILL, SAND (FLUSHED AND VIBRATED) (lf.)
Pawnee Ave.					
9+59.42	29.4' Lt.		Curb Inlet		
9+64.18	13.0' Rt.		SWMH		
9+59.42 to 9+64.18	Lt. & Rt.	15"	RCP	42.2	42.2
9+64.18 to 10+93.85	13.0-4.2 Rt.	12"	RCP	130.0	130.0
10+93.85	4.2' Rt.		SWMH		
10+94.06	35.8' Rt.		Curb Inlet		
10+93.85 to 11+15.11	4.2 Rt.-26.0' Lt.	10"	RCP	33.9	33.9
11+15.11	26.0' Lt.		SWMH		
14+68.72	67.4' Rt.		Curb Inlet		
14+68.72 to 14+72.52	67.4-76.0' Rt.	15"	RCP	8.0	8.0
23+72.51	32.5' Rt.		Curb Inlet		
23+73.22	29.0' Lt.		Curb Inlet		
23+72.51 to 23+73.22	32.5' Rt.-29.0' Lt.	24"	RCP	57.6	57.6
23+72.51 to 25+55.46	32.5-46.7' Rt.		RCP	183.6	183.6
25+55.46	46.7' Rt.		Curb Inlet		
23+73.22 to 24+48.74	29.0'-30.9' Lt.	18"	RCP	75.7	75.7
24+48.74	30.9' Lt.		Curb Inlet		
25+55.46	46.1' Rt.		Curb Inlet		
25+55.46 to 26+88.15	46.1' Rt.	30"	RCP	132.7	132.7
26+88.15	46.1' Rt.		Curb Inlet		
26+88.15 to 28+68.51	46.2' Rt.	30"	RCP	180.4	180.4
28+47.77	33.9' Lt.		Curb Inlet		
28+47.44 to 28+68.51	33.9' Lt.-47.0' Rt.	18"	RCP	84.8	84.8
28+68.51	47.0' Rt.		Curb Inlet		
28+68.51 to 29+04.54	46.2-68.4' Rt.	30"	RCP	42.3	42.3
29+04.54	68.4' Rt.		SWMH		
32+78.92	36.1' Lt.		Curb Inlet		
34+79.35	45.9' Lt.		Curb Inlet		
34+79.35 to 34+80.54	45.9-37.7' Lt.	18"	RCP	5.6	5.6
34+80.54	37.7' Lt.		MH Stack		
36+00.88	34.1' Rt.		Curb Inlet		
36+35.83	50.9' Lt.		Curb Inlet		
36+35.83 to 36+37.93	50.9-37.3' Lt.	24"	RCP	12.4	12.4
36+35.83 to 36+82.51	50.9-49.2' Lt.	24"	RCP	45.2	45.2
36+37.93	37.3' Lt.		MH Stack		
36+82.51	49.2' Lt.		Curb Inlet		
Hydraulic					
47+98.04	23.8' Rt.		Curb Inlet		
47+98.04 to 48+16.53	23.8' Rt.-21.4' Lt.	18"	RCP	47.4	47.4
48+16.53	21.4' Lt.		Drive Inlet		
48+16.53 to 49+86.81	21.4-35.7' Lt.	15"	RCP	166.3	166.3
Total Length				1248.1	1248.1

SUMMARY OF WATER ITEMS																
Line No.	Pipe, DICL 4" (lf)	Pipe, DICL 6" (lf)	Pipe, DICL 8" (lf)	Pipe, DICL 16" (lf)	Pipe, WL 8" (lf)	Pipe, WL 16" (lf)	Fire Hydrant Assembly (ea)	Fire Hydrant Relocation (ea)	Valve Assembly, Anchored 8" (ea)	Valve Assembly, Blowoff (ea)	Service Line, Short 1" (ea)	Service Line, Long 1" (ea)	Water Meter Installed (ea)	Water Meter Removed (ea)	Pipe Cap (ea)	Pipe Plug (ea)
1			10.17		1342.44		1		5		13	8	21	21	2	2
2	2.28		10.00		83.00		1								1	
3				4.30		20.00										
4					69.76											
5					55.00					1						
6	4.22				50.00										1	
7					62.80										1	
8			14.50		20.00											
FH #2			8.00					1								
FH #3			8.00					1								
FH #4			4.00					1								
Total	6.50	34.50	20.17	4.30	1613.24	89.76	2	3	5	1	13	8	21	21	5	2

EARTHWORK				
LOCATION	EXCAVATION ITEMS			Fill, Compacted (95% Density) (cy)
	Pavement &/or Curb Removed (sy)	Sidewalk, Drive, &/or Pkg Lot Removed* (sy)	Excavation (cy)	
Pawnee				
6+74.89 to 40+68.80	26748.0	6069.5	4336.3	801.6
Hydraulic				
43+73.32 to 57+76.94	6610.7	2194.4	1677.0	89.5
Totals	33358.7	8263.9	6013.2	891.1

* Includes all sidewalk, ramps, driveways, bus pads and all pavement on private property.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0597-01	2016	102	191

TREE REMOVAL			
STATION	OFFSET	LARGE	SMALL
Pawnee Ave.			
7+88.9	468' Lt.		1
19+33.4	46.7' Lt.		1
22+48.2	33.1' Lt.	1	
23+42.5	37.9' Lt.		1
38+80.5	38.3' Rt.	1	
39+53.9	42.3' Rt.	1	
Hydraulic Ave.			
45+22.2	38.8' Rt.	1	
45+50.6	39.4' Rt.	1	
46+39	28.0' Rt.		1
46+66.3	39.8' Rt.	1	
48+21.6	28.7' Rt.		1
48+62.9	27.2' Rt.		1
52+49.5	35.4' Lt.	1	
54+26.6	35.0' Lt.	1	
Totals		8	6



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