PLOTTED: Tuesday, September 03, 2019 @ 03:45PM

STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
KANSAS	87 N-0662-01	2019	108	194

WATER POINTS				
Point #	Station/Offset	Northing	Easting	Desc.
4032	24+81.71/37.50' LT.	1696523.982	1649822.618	ENCASEMENT
4049	31+52.71/45.00' LT.	1696542.270	1650493.410	TEE
4048	31+42.77/45.00' LT.	1696542.110	1650483.474	TEE
4000	19+83.77/74.78' RT.	1696403.667	1649326.758	90° BEND
4001	19+77.77/74.76' RT.	1696403.575	1649320.759	90° BEND
4002	19+77.80/68.78' RT.	1696409.558	1649320.676	22.5° VERT. BEND
4003	19+77.82/64.28' RT.	1696414.054	1649320.613	22.5° VERT. BEND
4004	19+77.87/54.28' RT.	1696424.054	1649320.474	22.5° VERT. BEND
4005	19+77.89/49.64' RT.	1696428.697	1649320.410	22.5° VERT. BEND
4006	19+78.15/1.51' LT.	1696479.835	1649319.699	22.5° VERT. BEND
4007	19+78.18/7.48' LT.	1696485.806	1649319.617	22.5° VERT. BEND
4008	19+78.28/27.48' LT.	1696505.804	1649319.339	22.5° VERT. BEND
4009	19+78.34/33.60' LT.	1696511.926	1649319.281	22.5° VERT. BEND
4010	19+78.40/53.04' LT.	1696531.361	1649318.984	FH
4011	19+78.53/78.38' LT.	1696556.706	1649318.632	22.5° VERT. BEND
4012	19+78.55/81.93' LT.	1696560.256	1649318.582	22.5° VERT. BEND
4013	19+78.60/91.93' LT.	1696570.256	1649318.443	22.5° VERT. BEND
4014	19+78.62/95.66' LT.	1696573.977	1649318.392	22.5° VERT. BEND
4016	19+84.64/100.61' LT.	1696579.040	1649324.322	90° BEND
4017	23+43.39/36.98' RT.	1696447.289	1649685.516	90° BEND
4018	23+30.39/37.00' RT.	1696447.059	1649672.518	90° BEND
4019	23+30.55/2.28' RT.	1696481.775	1649672.117	22.5° VERT. BEND
4020	23+30.59/7.44' LT.	1696491.498	1649672.005	22.5° VERT. BEND
4021	23+30.68/27.44' LT.	1696511.497	1649671.774	22.5° VERT. BEND
4022	23+30.73/38.26' LT.	1696522.311	1649671.649	22.5° VERT. BEND
4023	23+30.81/55.70' LT.	1696539.753	1649671.448	FH
4024	23+30.93/82.70' LT.	1696566.752	1649671.136	90° BEND
4025	23+41.93/82.72' LT.	1696566.947	1649682.135	90° BEND
4026	23+80.91/49.74' LT.	1696534.600	1649721.633	90° BEND
4027	24+04.57/49.72' LT.	1696534.965	1649745.298	90° BEND
4028	24+04.57/37.50' LT.	1696522.742	1649745.486	TEE & VALVES
4029	23+80.73/13.66' LT.	1696498.521	1649722.032	11.25° VERT. BEND
4030	23+63.12/3.95' RT.	1696480.632	1649704.710	45° & 11.25° VERT. BEND
4031	23+63.08/5.95' RT.	1696478.632	1649704.703	CONNECT TO EX. WTR.
4033	26+20.61/37.50' LT.	1696526.215	1649961.504	ENCASEMENT
4034	26+31.61/26.50' LT.	1696515.394	1649972.680	45° BEND
4035	27+60.82/26.50' LT.	1696517.471	1650101.875	90° BEND, VALVE & TEE
4036	27+60.82/13.50' RT.	1696477.480	1650102.518	45° VERT. BEND
4037	27+60.82/19.53' RT.	1696471.446	1650102.615	45° VERT. BEND
4038	27+56.33/46.96' RT.	1696443.949	1650098.566	90° BEND
4039	27+56.33/45.42' RT.	1696445.490	1650098.537	90° BEND
4040	27+60.82/45.40' RT.	1696445.576	1650103.031	90° BEND
4041	27+93.84/26.50' LT.	1696518.002	1650134.889	FH
4042	28+90.23/26.50' LT.	1696519.552	1650231.264	45° VERT. BEND
4043	29+08.73/45.00' LT.	1696538.347	1650249.464	45° VERT. BEND

WATER POINTS				
Point #	Station/Offset	Northing	Easting	Desc.
4044	31+32.77/9.76' LT.	1696506.718	1650474.042	2-45° BENDS
4045	31+32.77/29.76' LT.	1696526.716	1650473.720	45° VERT. BEND
4046	31+32.77/36.50' LT.	1696533.446	1650473.612	45° VERT. BEND
4047	31+32.77/45.00' LT.	1696541.949	1650473.475	TEE
4050	31+72.71/45.00' LT.	1696542.591	1650513.408	BLOWOFF
4051	32+05.76/7.49' RT.	1696490.636	1650547.304	22.5° VERT. BEND
4052	32+15.76/7.42' RT.	1696490.873	1650557.301	22.5° VERT. BEND
4053	32+35.76/7.27' RT.	1696491.347	1650577.295	22.5° VERT. BEND
4054	32+45.76/7.19' RT.	1696491.584	1650587.293	22.5° VERT. BEND
4055	36+07.60/42.20' LT.	1696546.784	1650948.284	REMOVE EX. CAP & CONNECT TO WTR.
4056	36+07.61/44.89' LT.	1696549.477	1650948.259	90° BEND
4057	37+75.92/44.97' LT.	1696552.257	1651116.543	TEE & VALVE
4058	38+51.30/45.00' LT.	1696553.502	1651191.911	FH
4059	39+05.95/45.00' LT.	1696554.381	1651246.551	TEE
4060	39+07.95/45.00' LT.	1696554.413	1651248.555	ENCASEMENT
4061	39+05.95/60.00' LT.	1696569.379	1651246.310	BLOWOFF
4062	39+27.13/60.00' LT.	1696569.720	1651267.494	90° BEND
4063	39+63.95/45.00' LT.	1696555.313	1651304.544	ENCASEMENT
4064	42+96.73/125.21' RT.	1696390.479	1651640.019	45° VERT. BEND
4065	43+01.73/125.21' RT.	1696390.559	1651645.018	45° VERT. BEND
4066	43+01.73/120.26' RT.	1696395.510	1651644.940	FH
4067	43+01.74/69.85' RT.	1696445.912	1651644.143	45° VERT. BEND
4068	43+01.74/64.87' RT.	1696450.891	1651644.065	45° VERT. BEND
4069	43+01.75/44.87' RT.	1696470.888	1651643.748	45° VERT. BEND
4070	43+01.75/39.95' RT.	1696475.806	1651643.671	45° VERT. BEND
4071	43+01.76/14.92' RT.	1696500.833	1651643.275	45° VERT. BEND
4072	43+01.76/9.51' RT.	1696506.242	1651643.189	45° VERT. BEND
4073	43+01.76/10.49' LT.	1696526.239	1651642.873	45° VERT. BEND
4074	43+01.77/15.84' LT.	1696531.589	1651642.789	45° VERT. BEND
4075	43+01.77/45.00' LT.	1696560.745	1651642.328	CROSS & VALVE
4076	43+01.78/63.55' LT.	1696579.297	1651642.034	45° VERT. BEND
4077	43+01.78/67.85' LT.	1696583.596	1651641.966	45° VERT. BEND
4078	43+01.79/87.85' LT.	1696603.594	1651641.650	45° VERT. BEND
4079	43+01.79/92.14' LT.	1696607.883	1651641.582	45° VERT. BEND
4080	43+01.79/97.72' LT.	1696613.462	1651641.494	90° BEND
4081	42+96.79/97.59' LT.	1696613.245	1651636.498	90° BEND
4082	43+21.77/44.99' LT.	1696561.061	1651662.325	45° VERT. BEND
4083	43+28.52/44.99' LT.	1696561.170	1651669.074	45° VERT. BEND
4084	44+74.79/45.00' LT.	1696563.527	1651815.318	45° VERT. BEND
4085	44+77.65/45.00' LT.	1696563.573	1651818.178	45° VERT. BEND
4086	44+97.65/45.00' LT.	1696563.892	1651838.175	45° VERT. BEND
4087	45+00.47/45.00' LT.	1696563.940	1651840.995	45° VERT. BEND
4088	45+81.92/44.99' LT.	1696565.244	1651922.438	TEE
4089	45+96.22/44.99' LT.	1696565.471	1651936.732	ENCASEMENT
4090	46+56.21/44.99' LT.	1696566.435	1651996.724	ENCASEMENT

WATER POINTS				
Point #	Station/Offset	Northing	Easting	Desc.
4091	46+62.30/45.00' LT.	1696566.541	1652002.805	CROSS
4092	46+57.47/60.00' LT.	1696581.463	1651997.734	90° BEND
4093	46+62.30/60.00' LT.	1696581.541	1652002.564	REDUCER
4094	46+60.37/40.50' RT.	1696481.021	1652002.248	90° BEND
4095	46+62.30/40.50' RT.	1696481.052	1652004.177	TEE
4096	46+96.65/45.00' LT.	1696567.093	1652037.157	FH
4097	48+11.91/45.00' LT.	1696568.943	1652152.395	FH
4098	49+62.50/58.55' RT.	1696467.827	1652304.637	90° BEND
4099	49+53.56/58.51' RT.	1696467.723	1652295.689	90° BEND
4100	49+53.58/52.47' RT.	1696473.759	1652295.618	FH
4101	49+53.75/14.31' RT.	1696511.921	1652295.175	45° VERT. BEND
4102	49+53.79/6.51' RT.	1696519.720	1652295.084	45° VERT. BEND
4103	49+53.87/13.49' LT.	1696539.719	1652294.852	45° VERT. BEND
4104	49+53.91/21.29' LT.	1696547.518	1652294.761	45° VERT. BEND
4105	49+54.01/45.00' LT.	1696571.224	1652294.486	CROSS
4106	49+79.14/45.00' LT.	1696571.628	1652319.613	45° VERT. BEND
4107	49+83.28/45.00' LT.	1696571.694	1652323.752	45° VERT. BEND
4108	49+54.01/80.73' LT.	1696606.948	1652293.912	90° BEND
4109	49+62.39/80.73' LT.	1696607.083	1652302.286	90° BEND
4110	50+06.93/45.00' LT.	1696572.074	1652347.393	45° VERT. BEND
4111	50+11.15/45.00' LT.	1696572.141	1652351.613	45° VERT. BEND
4112	52+85.96/45.00' LT.	1696576.553	1652626.385	FH
4113	53+25.70/45.00' LT.	1696577.191	1652666.125	TEE
4015	19+78.64/100.63' LT.	1696578.948	1649318.323	90° BEND

MKEC
Wichita, KS • 316-684-9600

17TH ST - BROADWAY TO I-135

STREET IMPROVEMENTS FOR
FROM BROADWAY TO I-135

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WATER BUBBLE
MAP 3

PROJECT NO.	87 N-0662-01
DATE	8/30/2019
SCALE	AS NOTED

DESIGNED	DRAWN	CHECKED
JRA	DM	JRA

NO.	REVISION	DATE

SHEET NO.
108 OF 194

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