

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84295	2010	135	194

WATERLINE PROJECT CONTROL AND COORDINATE DATA

POINT NUMBER	BASELINE STATION	OFFSET	SIDE	DESCRIPTION	NORTHING	EASTING
701	32+17.24	3.30'	Lt.	Connect to Existing	1699101.09	1647496.09
702	32+19.74	3.30'	Lt.	12" 90° Bend	1699101.13	1647498.59
703	32+19.76	15.63'	Lt.	12" x 12" Tee	1699113.46	1647498.36
704	33+10.65	15.50'	Lt.	12" Line Deflection	1699115.15	1647589.23
705	33+53.76	14.54'	Lt.	12" x 8" Tee	1699115.06	1647632.35
706	33+54.82	54.00'	Lt.	8" x 4" Tee	1699154.53	1647632.61
707	33+51.18	54.06'	Lt.	2" 90° Bend	1699154.52	1647628.98
708	33+51.26	59.06'	Lt.	Connect to Existing	1699159.52	1647628.96
709	33+88.67	32.51'	Rt.	Water Meter	1699068.72	1647668.19
710	33+93.61	31.75'	Rt.	Water Meter	1699069.58	1647673.12
711	34+12.78	13.23'	Lt.	12" Line Deflection	1699114.93	1647691.38
712	34+61.56	24.95'	Lt.	Water Meter	1699127.62	1647739.92
713	35+18.95	12.58'	Lt.	12" x 8" Tee	1699116.41	1647797.54
714	35+18.95	51.47'	Rt.	8" x 4" Tee	1699052.38	1647798.83
715	35+16.94	54.47'	Rt.	4" 90° Bend	1699052.34	1647796.82
716	35+18.95	56.47'	Rt.	Blowoff Valve Assembly	1699047.38	1647798.93
717	35+16.93	56.47'	Rt.	Connect to 2" Existing	1699047.34	1647796.91
718	35+97.83	25.57'	Lt.	Water Meter	1699130.98	1647876.15
719	36+11.13	24.68'	Rt.	Water Meter	1699081.00	1647890.46
720	36+82.81	11.58'	Lt.	12" x 8" Tee	1699118.70	1647961.39
721	36+82.81	50.84'	Lt.	8" x 6" Tee	1699157.95	1647960.61
722	36+80.83	50.84'	Lt.	6" 90° Bend	1699157.91	1647958.63
723	36+80.84	55.84'	Lt.	Connect to Existing	1699162.91	1647958.53
724	37+54.20	26.80'	Rt.	Water Meter	1699081.40	1648033.39
725	38+37.27	24.79'	Rt.	Water Meter	1699084.58	1648116.41
726	38+63.55	11.50'	Lt.	12" x 6" Tee	1699121.23	1648142.19
727	38+70.61	11.50'	Lt.	12" x 8" Tee	1699121.32	1648149.24
728	38+70.61	50.04'	Lt.	8" x 4" Tee	1699159.86	1648148.70
729	38+68.49	50.04'	Lt.	4" 90° Bend	1699159.83	1648146.59
730	38+68.47	55.04'	Lt.	Connect to Existing 2"	1699164.83	1648146.49
731	39+49.72	11.50'	Lt.	12" x 8" Tee	1699122.43	1648228.35
732	39+49.72	45.39'	Rt.	8" x 6" Tee	1699065.54	1648229.14
733	39+47.74	45.39'	Rt.	6" 90° Bend	1699065.51	1648227.16
734	39+47.74	50.39'	Rt.	Connect to Existing	1699060.52	1648227.23
735	39+77.88	25.57'	Lt.	Water Meter	1699136.89	1648256.30
736	40+31.25	24.83'	Rt.	Water Meter	1699087.24	1648310.38
737	40+72.72	24.98'	Lt.	Water Meter	1699137.62	1648351.15
738	41+55.15	25.61'	Rt.	Water Meter	1699088.19	1648434.27
739	42+37.23	11.50'	Lt.	12" x 8" Tee	1699126.44	1648515.83
740	42+37.23	60.93'	Lt.	8" x 8" Tee	1699175.87	1648515.14
741	42+35.12	60.93'	Lt.	8" 90° Bend	1699175.84	1648513.03
742	42+35.12	60.93'	Lt.	Connect to Existing 6"	1699175.84	1648513.03
743	42+62.62	11.50'	Lt.	12" x 8" Tee	1699126.80	1648541.22
744	43+41.65	11.50'	Lt.	Fire Hydrant Assembly	1699127.90	1648620.24
745	43+76.20	25.15'	Lt.	Water Meter	1699142.03	1648654.60
746	43+98.53	25.20'	Lt.	Water Meter	1699142.39	1648676.92
747	44+06.12	11.50'	Lt.	12" 45° Bend	1699128.80	1648684.70
748	44+13.37	18.75'	Lt.	12" 45° Bend	1699136.15	1648691.85
749	44+61.27	25.18'	Lt.	Water Meter	1699143.25	1648739.66
750	44+63.20	27.29'	Rt.	Water Meter	1699090.81	1648742.32
751	44+85.62	24.52'	Lt.	Water Meter	1699142.93	1648764.01
752	45+14.59	25.39'	Lt.	Water Meter	1699144.20	1648792.97
753	45+29.73	27.32'	Rt.	Water Meter	1699091.71	1648808.85
754	45+31.81	27.35'	Rt.	Water Meter	1699091.71	1648810.92
755	45+55.18	18.75'	Lt.	12" 45° Bend	1699138.13	1648833.65
756	45+63.08	26.65'	Lt.	12" 45° Bend	1699146.14	1648841.44
757	45+89.58	26.85'	Lt.	Fire Hydrant Assembly	1699146.72	1648867.93
758	45+99.20	26.93'	Lt.	12" x 8" Tee	1699146.93	1648877.55
759	45+99.31	234.01'	Lt.	8" x 4" Tee	1699353.99	1648874.77
760	45+97.35	234.00'	Lt.	4" 90° Bend	1699353.95	1648872.81
761	45+97.32	239.00'	Lt.	Connect to Existing	1699358.95	1648872.71
762	46+58.01	27.38'	Lt.	12" x 8" Tee	1699148.20	1648936.35
763	46+58.52	38.27'	Rt.	Connect to Existing	1699082.56	1648937.77
764	46+92.77	27.65'	Lt.	12" x 12" Tee	1699148.95	1648971.10
765	46+92.86	9.61'	Rt.	20" x 12" Tee	1699111.70	1648971.71
766	46+72.13	14.87'	Rt.	Connect to Existing	1699106.15	1648951.05
767	33+54.95	59.00'	Lt.	8" MJ Cap	1699159.53	1647632.65
768	36+82.81	55.84'	Lt.	8" MJ Cap	1699162.95	1647960.51
769	35+18.95	56.47'	Rt.	8" MJ Cap	1699047.38	1647798.93
770	49+67.59	2.67'	Rt.	8" x 8" Tee	1699122.47	1649246.32
771	50+07.32	2.36'	Rt.	8" x 8" Tee	1699123.33	1649286.04
772	50+04.04	7.22'	Rt.	20" Anchored Valve	1699118.43	1649282.83
773	50+06.83	36.11'	Rt.	8" Anchored Valve	1699089.58	1649286.02
774	50+06.80	38.11'	Rt.	Connect to Existing 8" AC	1699087.58	1649286.02
775	9+55.73	6.53'	Lt.	Connect to Existing	1699080.91	1649276.23
776	49+32.16	0.94'	Lt.	8" Anchored Valve	1699125.59	1649210.84
777	49+03.41	29.26'	Lt.	8" 45° Bend	1699153.51	1649181.69
778	50+04.00	2.39'	Rt.	8" Anchored Valve	1699123.26	1649282.72
779	49+36.08	2.91'	Rt.	8" 45° Bend	1699121.79	1649214.81
780	50+58.75	26.82'	Rt.	Water Meter	1699099.88	1649338.00
781	51+73.14	27.47'	Rt.	Water Meter	1699101.71	1649452.38
782	52+30.07	33.40'	Lt.	Water Meter	1699163.79	1649507.98
783	52+68.66	27.12'	Rt.	Water Meter	1699104.12	1649547.87
784	53+31.45	28.22'	Lt.	Water Meter	1699160.81	1649609.45
785	53+39.23	27.17'	Rt.	Water Meter	1699105.60	1649618.42
786	53+41.67	2.25'	Rt.	8" 45° Bend	1699130.57	1649620.32
787	53+43.43	7.08'	Rt.	20" 45° Bend	1699125.74	1649620.19
788	53+45.68	1.77'	Lt.	8" Anchored Valve	1699134.67	1649624.25

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POINT NUMBER	BASELINE STATION	OFFSET	SIDE	DESCRIPTION	NORTHING	EASTING
789	53+50.28	1.77'	Lt.	20" Anchored Valve	1699134.77	1649628.85
790	53+59.54	11.02'	Lt.	20" 45° Bend	1699144.22	1649637.90
791	53+74.09	30.18'	Lt.	8" 45° Bend	1699163.69	1649652.04
792	53+91.26	30.18'	Lt.	8" x 8" Tee	1699164.06	1649669.21
793	53+91.23	0.99'	Lt.	8" Anchored Valve	1699134.88	1649669.81
794	53+91.19	39.88'	Rt.	8" x 8" Tee	1699094.02	1649670.65
795	53+91.18	44.88'	Rt.	8" MJ Cap	1699089.02	1649670.75
796	53+97.19	39.88'	Rt.	8" 90° Bend	1699094.14	1649676.65
797	53+97.18	44.88'	Rt.	Connect to Existing	1699089.15	1649676.75
798	54+03.91	30.18'	Lt.	Fire Hydrant Assembly	1699164.33	1649681.85
799	54+16.59	11.02'	Rt.	20" 45° Bend	1699145.45	1649694.95
800	54+24.61	3.01'	Lt.	20" 45° Bend	1699137.62	1649703.13
801	54+29.61	3.01'	Lt.	Connect to Existing 20" RCCP	1699137.73	1649708.13
802	54+37.00	30.18'	Lt.	8" x 8" Tee	1699165.05	1649714.93
803	54+37.00	17.76'	Lt.	8" 90° Bend	1699152.64	1649715.20
804	54+47.15	30.18'	Lt.	Blowoff Valve Assembly	1699165.27	1649725.08
805	54+47.00	17.76'	Lt.	Connect to Existing 8"	1699152.85	1649725.20
806	7+13.92	34.65'	Lt.	Water Meter	1698838.31	1649270.09
807	7+29.46	30.24'	Lt.	Water Meter	1698853.42	1649273.28
808	8+05.09	38.15'	Lt.	Water Meter	1698928.01	1649258.49
809	9+40.78	33.50'	Lt.	6" 45° Bend	1699026.33	1649250.73
810	9+56.42	15.19'	Lt.	Fire Hydrant Assembly	1699080.80	1649267.54
811	10+64.22	28.01'	Lt.	8" Line Deflection	1699186.99	1649244.92
812	11+39.71	38.26'	Lt.	Water Meter	1699261.22	1649227.83
813	11+89.54	33.41'	Lt.	Water Meter	1699310.72	1649227.46
814	13+35.86	28.73'	Lt.	Water Meter	1699455.82	1649216.63
815	13+89.33	26.93'	Lt.	Water Meter	1699509.04	1649211.11
816	14+06.41	27.38'	Lt.	Water Meter	1699525.90	1649208.31
817	14+58.58	26.57'	Lt.	8" x 8" Tee	1699578.18	1649202.15
818	14+58.34	4.37'	Lt.	8" 90° Bend	1699580.59	1649224.22
819	14+68.16	26.49'	Lt.	2" Blowoff Valve Assembly	1699587.87	1649201.09
820	14+68.16	4.29'	Lt.	Connect to Existing 8"	1699590.38	1649223.15
821	93+71.09	24.05'	Lt.	Connect to Existing 8"	1698499.58	1648578.49
822	93+78.88	17.19'	Rt.	Water Meter	1698506.48	1648619.90
823	93+81.08	24.50'	Lt.	8" Line Deflection	1698509.58	1648578.26
824	93+99.23	23.93'	Lt.	8" Line Deflection	1698526.71	1648578.79
825	94+69.59	19.01'	Rt.	Water Meter	1698597.93	1648620.29
826	94+93.71	25.96'	Lt.	Water Meter	1698621.12	1648574.84
827	95+18.82	25.45'	Lt.	Water Meter	1698646.24	1648574.84
828	96+25.63	18.69'	Rt.	Water Meter	1698753.93	1648616.79
829	96+77.00	17.39'	Rt.	Water Meter	1698805.27	1648614.45
830	96+94.13	25.53'	Lt.	Water Meter	1698821.19	1648571.19
831	97+38.90	16.91'	Rt.	Water Meter	1698867.14	1648612.72
832	97+58.88	17.72'	Rt.	Water Meter	1698887.13	1648613.12
833	98+02.88	24.84'	Lt.	Water Meter	1698930.25	1648569.67
834	98+19.47	27.93'	Lt.	Water Meter	1698946.78	1648566.25
835	98+33.59	24.02'	Lt.	8" Line Deflection	1698959.80	1648569.63
836	98+47.62	24.51'	Rt.	Water Meter	1698978.54	1648616.53
837	98+55.82	23.88'	Lt.	8" 11.25° Bend	1698979.68	1648567.47
838	98+66.93	24.21'	Lt.	8" Line Deflection	1698989.45	1648565.31
839	98+77.79	28.75'	Rt.	Water Meter	1699012.23	1648614.34
840	98+89.20	25.21'	Lt.	8" Line Deflection	1699008.52	1648559.31
841	98+99.34	23.89'	Lt.	Water Meter	1699017.58	1648557.68
842	99+11.58	26.10'	Lt.	8" Line Deflection	1699027.01	1648551.67
843	99+38.97	24.65'	Lt.	8" 11.25° Bend	1699049.67	1648542.30
844	38+57.00	40.94'	Lt.	6" 45° Bend	1699150.57	1648135.22
845	38+63.55	25.12'	Lt.	6" 22.5° Bend	1699134.84	1648142.00
846	39+49.72	50.39'	Rt.	8" MJ Cap	1699060.54	