PROJECT CONTROL AND COORDINATE DATA

POINT NO.	BASELINE STATION	OFFSET	SIDE	DESCRIPTION	NORTHING	EASTING
Water Line 1						
400	13+71.20	24.64	Rt.	12" - 45 Degree Horzontal Bend (Restrained), connect to Exist.	1687168.30	1651070.84
401	13+80.10	32.30	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687160.77	1651079.85
402	13+85.10	32.27	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687160.88	1651084.85
403	13+88.83	32.24	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687160.95	1651088.58
404	14+44.00	31.90	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687162.08	1651143.74
405	14+47.56	28.29	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687165.74	1651147.25
406	14+93.75	28.23	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687166.46	1651193.43
407	14+97.53	28.22	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687166.52	1651197.21
408	15+19.82	28.21	Rt.	12" x 8" Tee Fitting (Restrained)	1687166.87	1651219.64
409	15+22.27	28.22	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687166.91	1651222.09
410	15+26.06	28.23	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687166.97	1651225.87
411	15+42.86	28.28	Rt.	12" x 8" Tee Fitting (Restrained)	1687167.24	1651242.67
412	15+56.68	28.33	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687167.45	1651256.50
413	15+60.20	24.85	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687171.00	1651259.94
414	16+65.26	25.20	Rt.	12" x 8" Tee Fitting (Restrained)	1687172.64	1651364.99
415	16+67.76	25.21	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687172.68	1651367.49
416	16+71.70	25.23	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687172.74	1651371.43
417	16+81.40	25.26	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687172.90	1651381.13
418	16+81.93	24.73	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687173.43	1651381.65
419	16+83.89	22.78	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687175.42	1651383.58
420	16+84.91	21.77	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687176.45	1651384.57
421	16+91.53	21.81	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687176.54	1651391.19
422	16+95.00	25.30	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687173.11	1651394.73
423	17+25.14	25.41	Rt.	2" - Fire Service Tap into Water Line 1	1687173.58	1651424.86
424	18+52.32	25.84	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687175.57	1651552.03
425	18+53.84	25.85	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687175.60	1651553.55
426	18+55.85	25.85	Rt.	12" x 8" Tee Fitting (Restrained)	1687175.63	1651555.56
427	18+70.14	25.90	Rt.	12" x 8" Tee Fitting (Restrained)	1687175.85	1651569.85
428	18+92.74	25.98	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687176.20	1651592.45
429	18+93.77	25.98	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687176.22	1651593.48
430	20+23.27	26.42	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687178.25	1651722.96
431	20+24.15	26.43	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687178.26	1651723.84
432	20+29.88	26.45	Rt.	12" x 8" Tee Fitting (Restrained)	1687178.35	1651729.57
433	20+39.14	26.78	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687178.50	1651738.82
434	20+41.66	28.99	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687176.04	1651741.40
435	20+52.16	29.02	Rt.	12" x 12" Cross Fitting (Restrained)	1687176.20	1651751.90
436	20+59.01	29.04	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687176.31	1651758.74
437	20+61.52	26.55	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687178.85	1651761.20
438	20+75.72	26.60	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687179.07	1651775.40
439	20+76.61	26.60	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687179.08	1651776.29
440	20+93.42	26.66	Rt.	6" Fire Hydrant Lead Connection	1687179.34	1651793.10
441	21+38.55	26.82	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687180.05	1651838.23
442	21+42.06	23.33	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687183.61	1651841.67
443	21+64.46	23.40	Rt.	Short Service Line Tap into Water Line 1	1687183.96	1651864.07
444	21+67.45	23.41	Rt.	Long Service Line Tap into Water Line 1	1687184.00	1651867.06
516	22+56.06	23.72'	Rt.	Long Service Line Tap into Water Line 1	1687185.39	1651955.66
445	22+56.72	23.72	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687185.40	1651956.31
446	22+64.19	31.24	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687178.02	1651963.93
447	23+59.08	31.51	Rt.	12" - 90 Degree Horzontal Bend (Restrained)	1687179.50	1652058.75
448	23+58.98	19.52	Lt.	12" x 8" Tee Fitting (Restrained) and 8" - MJ Cap	1687230.52	1652057.77
449	23+69.59	25.23	Lt.	6" Fire Hydrant Lead Connection	1687236.41	1652068.28
450	15+08.63	26.46	Lt.	8" - MJ Cap	1687221.35	1651207.53
451	15+48.96	26.66	Lt.	8" - MJ Cap	1687222.29	1651247.73
452	16+29.73	27.01	Lt.	8" - MJ Cap	1687224.17	1651328.47
453	17+25.95	27.60	Lt.	8" - MJ Cap	1687226.60	1651424.66
454	18+50.60	28.38	Lt.	8" - MJ Cap	1687229.75	1651549.28
455	18+96.74	28.15	Lt.	8" - MJ Cap	1687230.40	1651595.41
456	20+27.38	28.67	Lt.	8" - MJ Cap	1687233.41	1651726.02
457	21+06.80	27.79	Lt.	8" - MJ Cap	1687234.04	1651805.44
Water Line 2						
458	15+14.99	35.98	Rt.	8" - 45 Degree Horzontal Bend (Restrained), Connect to Exist.	1687159.01	1651214.78
459	15+16.67	34.12	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687160.90	1651216.60
460	15+18.36	32.44	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687162.61	1651218.25
461	15+19.82	30.98	Rt.	8" - 45 Degree Horzontal Bend (Restrained)	1687164.10	1651219.69
408	15+19.82	28.21	Rt.	Connect to 12" x 8" Tee Fitting, Water Line 1	1687166.87	1651219.64
Water Line 3						
411	15+42.86	28.28	Rt.	Connect to 12" x 8" Tee Fitting, Water Line 1	1687167.24	1651242.67
462	15+42.86	19.48	Rt.	6" Fire Hydrant Lead Connection	1687176.03	1651242.50
463	15+42.86	06.10	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687189.41	1651242.25
464	15+42.86	02.32	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687193.19	1651242.17
465	15+42.86	10.68	Lt.	8" - 45 Degree Vertical Bend (Restrained)	1687206.19	1651241.93
466	15+42.86	13.39	Lt.	8" - 45 Degree Vertical Bend (Restrained)	1687208.90	1651241.87
467	15+42.86	25.89	Lt.	Vertical Deflection	1687221.40	1651241.64
468	15+42.86	40.30	Lt.	6" Fire Hydrant Lead Connection	1687235.80	1651241.36
469	15+42.86	43.31	Lt.	8" - 45 Degree Horzontal Bend (Restrained)	1687238.81	1651241.30
470	15+36.77	49.46	Lt.	8" - 45 Degree Horzontal Bend (Restrained), Connect to Exist.	1687244.84	1651235.10
Water Line 4						
414	16+65.26	25.20	Rt.	Connect to 12" x 8" Tee Fitting, Water Line 1	1687172.64	1651364.99
471	16+65.26	17.70	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687180.14	1651364.85
472	16+65.26	15.64	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687182.21	1651364.81
473	16+65.26	04.93	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687192.92	1651364.61
474	16+65.26	01.69	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687196.15	1651364.55
475	16+65.26	22.45	Lt.	8" - 45 Degree Vertical Bend (Restrained)	1687220.29	1651364.09
476	16+65.26	23.31	Lt.	8" - 45 Degree Vertical Bend (Restrained)	1687221.15	1651364.07
477	16+65.26	25.71	Lt.	6" Fire Hydrant Lead Connection	1687223.54	1651364.02
478	16+65.26	29.63	Lt.	8" - 45 Degree Vertical Bend (Restrained)	1687227.46	1651363.95
479	16+65.26	31.25	Lt.	8" - 45 Degree Vertical Bend (Restrained)	1687229.08	1651363.92
480	16+65.26	34.06	Lt.	8" - 45 Degree Horzontal Bend (Restrained)	1687231.90	1651363.86
481	16+72.03	40.77	Lt.	8" - 45 Degree Horzontal Bend (Restrained), Connect to Exist.	1687238.73	1651370.50

PROJECT CONTROL AND COORDINATE DATA

POINT NO.	BASELINE STATION	OFFSET	SIDE	DESCRIPTION	NORTHING	EASTING
Water Line 5						
426	18+55.85	25.85	Rt.	Connect to 12" x 8" Tee Fitting, Water Line 1	1687175.63	1651555.56
482	18+55.86	23.35	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687178.13	1651555.52
483	18+55.86	21.42	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687180.06	1651555.49
484	18+55.93	2.50	Rt.	8" - 45 Degree Horzontal Bend (Restrained)	1687198.97	1651555.19
485	18+59.12	0.67	Lt.	8" - 45 Degree Horzontal Bend (Restrained)	1687202.21	1651558.32
486	18+59.17	14.34	Lt.	8" - 45 Degree Horzontal Bend (Restrained)	1687215.88	1651558.11
487	18+55.99	17.50	Lt.	8" - 45 Degree Horzontal Bend (Restrained)	1687218.97	1651554.88
488	18+56.02	24.08	Lt.	6" Fire Hydrant Lead Connection	1687225.55	1651554.77
489	18+56.03	27.35	Lt.	8" - 45 Degree Horzontal Bend (Restrained)	1687228.82	1651554.72
490	18+58.58	29.94	Lt.	8" - 45 Degree Horzontal Bend (Restrained)	1687231.46	1651557.23
491	18+59.36	30.72	Lt.	8" - 45 Degree Vertical Bend (Restrained)	1687232.26	1651557.99
492	18+61.11	32.50	Lt.	8" - 45 Degree Horzontal Bend (Restrained), Connect to Exist.	1687234.07	1651559.71
Water Line 6						
493	18+73.29	37.67	Rt.	8" - 45 Degree Horzontal Bend (Restrained), Connect to Exist.	1687164.14	1651573.22
494	18+72.32	36.53	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687165.26	1651572.23
495	18+71.42	35.46	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687166.32	1651571.31
496	18+70.11	33.91	Rt.	8" - 45 Degree Horzontal Bend (Restrained)	1687167.84	1651569.97
497	18+70.13	28.47	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687173.28	1651569.89
498	18+70.13	27.40	Rt.	8" - 45 Degree Vertical Bend (Restrained)	1687174.35	1651569.87
427	18+70.14	25.90	Rt.	Connect to 12" x 8" Tee Fitting, Water Line 1	1687175.85	1651569.85
Water Line 7						
432	20+29.88	26.45	Rt.	Connect to 12" x 8" Tee Fitting, Water Line 1	1687178.35	1651729.57
499	20+29.88	6.47	Lt.	8" - 45 Degree Vertical Bend (Restrained)	1687211.26	1651728.94
500	20+29.88	8.17	Lt.	8" - 45 Degree Vertical Bend (Restrained)	1687212.96	1651728.91
501	20+29.88	30.32	Lt.	8" - 45 Degree Vertical Bend (Restrained)	1687235.11	1651728.49
502	20+29.88	30.67	Lt.	8" - 45 Degree Horzontal Bend (Restrained)	1687235.45	1651728.48
503	20+29.15	31.40	Lt.	8" - 45 Degree Vertical Bend (Restrained)	1687236.17	1651727.73
504	20+27.38	33.17	Lt.	8" - 45 Degree Horzontal Bend (Restrained), Connect to Exist.	1687237.90	1651725.93
505	20+47.97	34.00	Rt.	8" - MJ Cap	1687171.14	1651747.80
506	20+48.06	52.64	Lt.	8" - MJ Cap	1687257.77	1651746.24
Water Line 8						
507	20+57.06	35.42	Rt.	12" - 45 Degree Horzontal Bend (Restrained), Connect to Exist.	1687169.90	1651756.92
508	20+55.29	33.65	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687171.63	1651755.11
509	20+54.61	32.97	Rt.	12" - 45 Degree Vertical Bend (Restrained)	1687172.30	1651754.42
510	20+52.16	30.52	Rt.	12" - 45 Degree Horzontal Bend (Restrained)	1687174.70	1651751.93
435	20+52.16	29.02	Rt.	Connect to 12"x 12" Cross Fitting Water Line 1	1687176.20	1651751.90
511	20+52.20	6.41	Lt.	12" - 45 Degree Vertical Bend (Restrained)	1687211.63	1651751.26
512	20+52.21	8.42	Lt.	12" - 45 Degree Vertical Bend (Restrained)	1687213.64	1651751.23
513	20+52.23	33.39	Lt.	12" - 45 Degree Horzontal Bend (Restrained)	1687238.60	1651750.78
514	20+55.23	36.38	Lt.	12" - 45 Degree Vertical Bend (Restrained)	1687241.65	1651753.72
515	20+55.82	36.97	Lt.	12" - 45 Degree Vertical Bend (Restrained)	1687242.25	1651754.29
516	20+59.36	40.50	Lt.	12" - 45 Degree Horzontal Bend (Restrained), Connect to Exist.	1687245.85	1651757.76

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2ND STREET IMPROVEMENTS
SANTA FE TO WASHINGTON IN OLD TOWN

WICHITA, KANSAS

CITY OF WICHITA

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: 472-85284
SCALE: N.T.S.
DATE: 7/11/2018
DESIGNED BY: TAU
DRAWN BY: TAU
CHECKED BY: MDB

SHEET TITLE:

WATERLINE COORDINATE DATA

SHEET NO.

86

SHEET 86 OF 103

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IF THIS DRAWING IS LESS THAN 22" X 36" IT IS A REDUCED SIZE DRAWING

IF THIS DRAWING IS LESS THAN 22" X 36" IT IS A REDUCED SIZE DRAWING