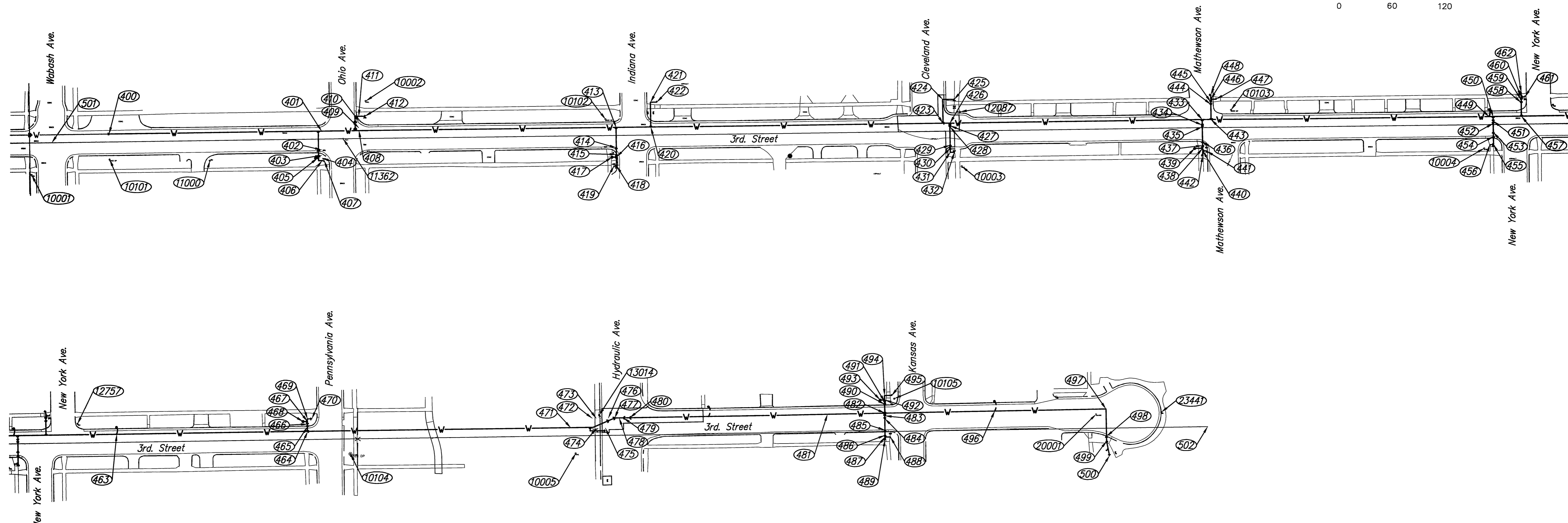
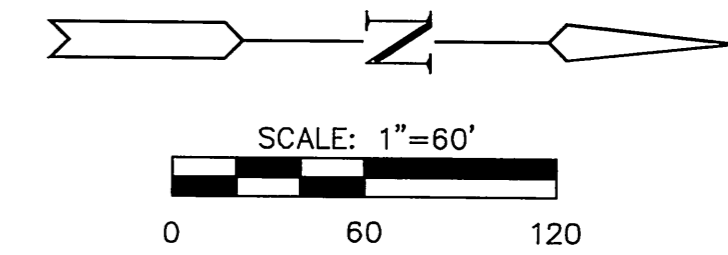




**3RD STREET
WATER MAIN REPLACEMENT
FROM CENTRAL CORRIDOR TO I-135**



POINT TABLE

Number	Station	Offset	Northing	Easting	Desc
400	10+65.09	9.00' Lt.	1687907.6173	1652482.3264	Exist. 24" WL
401	13+06.59	9.00' Lt.	1687912.2581	1652723.7912	Tee
402	13+06.59	12.15' Rt.	1687891.1123	1652724.2265	11.25° Bend
403	13+06.59	18.40' Rt.	1687884.8632	1652724.3177	11.25° Bend
404	13+06.59	21.40' Rt.	1687881.8629	1652724.3754	FH Assy.
405	13+01.59	21.40' Rt.	1687881.7668	1652719.3763	FH
406	13+06.59	24.40' Rt.	1687878.8635	1652724.4331	90° Bend
407	13+09.17	24.40' Rt.	1687878.9130	1652727.0109	90° Bend
408	13+49.00	9.00' Lt.	1687913.0730	1652766.1898	Tee
409	13+49.00	12.00' Lt.	1687916.0724	1652766.1322	22.5° Bend
410	13+49.00	19.65' Lt.	1687923.7210	1652765.9852	22.5° Bend
411	13+49.00	25.00' Lt.	1687929.0700	1652765.8824	90° Bend
412	13+56.02	25.00' Lt.	1687929.2050	1652772.9074	90° Bend
413	16+41.35	9.00' Lt.	1687918.6907	1653058.4850	Tee
414	16+41.35	14.09' Rt.	1687895.6051	1653058.9479	22.5° Bend
415	16+41.35	21.54' Rt.	1687888.1563	1653059.0718	22.5° Bend
416	16+41.35	24.54' Rt.	1687885.1552	1653059.1295	FH Assy.
417	16+36.383	24.54' Rt.	1687885.0598	1653054.1638	FH
418	16+41.35	34.54' Rt.	1687875.1571	1653059.3217	Tee
419	16+38.35	34.54' Rt.	1687875.0994	1653056.3222	90° Bend
420	16+80.84	9.00' Lt.	1687919.4495	1653097.9658	Tee
421	16+80.84	37.00' Lt.	1687947.4443	1653097.4278	90° Bend
422	16+88.00	37.00' Lt.	1687947.5818	1653104.5810	90° Bend
423	20+12.87	9.00' Lt.	1687925.8296	1653429.9318	Tee
424	20+12.87	36.00' Lt.	1687952.8246	1653429.4130	90° Bend
425	20+25.97	36.00' Lt.	1687952.8246	1653442.5201	90° Bend
426	20+20.71	9.00' Lt.	1687925.9803	1653437.7711	Tee
427	20+20.71	5.95' Lt.	1687922.9808	1653437.8287	BEND
428	20+20.71	4.95' Lt.	1687921.9308	1653437.8297	11.25° Bend
429	20+20.71	15.88' Rt.	1687901.1248	1653438.2488	45° Bend
430	20+20.71	19.34' Rt.	1687897.6457	1653438.3349	45° Bend
431	20+20.71	24.00' Rt.	1687892.9863	1653438.4052	90° Bend
432	20+25.20	24.00' Rt.	1687893.0727	1653442.9969	90° Bend
433	23+07.37	9.00' Lt.	1687931.4888	1653724.3855	Tee
434	23+07.37	2.84' Lt.	1687925.3299	1653724.5038	45° Bend
435	23+07.37	1.00' Lt.	1687923.4902	1653724.5392	45° Bend

POINT TABLE

Number	Station	Offset	Northing	Easting	Desc
436	23+07.37	15.87' Rt.	1687906.6234	1653724.8634	45° Bend
437	23+07.37	20.38' Rt.	1687902.1144	1653724.9692	45° Bend
438	23+07.37	23.48' Rt.	1687899.0148	1653725.0096	FH Assy.
439	22+98.37	23.48' Rt.	1687898.8418	1653716.0112	FH
440	23+07.37	26.48' Rt.	1687896.0153	1653725.0672	Tee
441	23+11.72	26.48' Rt.	1687896.0987	1653729.4080	90° Bend
442	23+07.37	31.48' Rt.	1687891.0162	1653725.1633	2" Blowoff Assy.
443	23+17.36	9.00' Lt.	1687931.6806	1653734.3676	Tee
444	23+17.36	26.17' Lt.	1687948.8474	1653734.0377	45° Bend
445	23+17.36	29.00' Lt.	1687951.6769	1653733.9833	45° Bend
446	23+17.36	32.00' Lt.	1687954.6764	1653733.9257	Tee
447	23+23.42	32.00' Lt.	1687954.7929	1653739.9875	90° Bend
448	23+17.36	37.00' Lt.	1687959.6755	1653733.8296	2" Blowoff
449	26+30.00	9.00' Lt.	1687937.7459	1654049.9518	2" Air Release Assy.
450	26+37.69	9.00' Lt.	1687937.8360	1654054.6391	Tee
451	26+37.69	4.00' Lt.	1687932.8367	1654054.7159	45° Bend
452	26+37.69	1.26' Lt.	1687930.0974	1654054.7878	45° Bend
453	26+37.69	9.00' Rt.	1687919.8393	1654054.9849	45° Bend
454	26+37.69	13.76' Rt.	1687915.0802	1654055.0764	45° Bend
455	26+37.69	22.85' Rt.	1687905.9932	1654055.2511	Tee
456	26+33.69	22.85' Rt.	1687905.9164	1654051.2555	90° Bend
457	26+69.88	9.00' Lt.	1687938.4546	1654086.8260	Tee
458	26+69.88	24.39' Lt.	1687953.8418	1654086.5303	45° Bend
459	26+69.88	28.00' Lt.	1687957.4511	1654086.4609	45° Bend
460	26+69.88	31.00' Lt.	1687960.4505	1654086.4033	Tee
461	26+74.29	31.00' Lt.	1687960.5352	1654090.8068	90° Bend
462	26+69.88	36.00' Lt.	1687965.4496	1654086.3072	2" Blowoff Valve
463	27+50.00	9.00' Lt.	1687939.9942	1654166.9302	2" Air Release Assy.
464	26+66.98	9.00' Lt.	1687944.1637	1654383.8749	Tee
465	29+66.98	14.38' Lt.	1687949.5420	1654383.8019	45° Bend
466	29+66.98	17.21' Lt.	1687952.3689	1654383.7172	45° Bend
467	29+66.98	20.30' Lt.	1687955.4220	1654383.6585	Tee
468	29+61.98	20.30' Lt.	1687955.3678	1654378.6588	FH
469	29+66.98	23.17' Lt.	1687958.3769	1654383.6017	90° Bend
470	29+71.98	23.17' Lt.	1687958.4310	1654386.6014	Tapping Sleeve & Valve
471	32+66.04	9.00' Lt.	1687949.9101	1654682.8701	22.5° Bend

POINT TABLE

Number	Station	Offset	Northing	Easting	Desc
472	32+90.87	19.29' Lt.	1687960.6720	1654707.5018	22.5° Bend
473	32+95.26	19.31' Lt.	1687960.7752	1654711.8930	Tee
474	32+95.31	8.31' Lt.	1687949.7782	1654712.1515	90° Bend
475	33+05.27	8.35' Lt.	1687950.0130	1654722.1101	Tapping Sleeve & Valve
476	33+08.88	19.33' Lt.	1687961.0600	1654725.5081	45° Bend
477	33+16.26	19.38' Lt.	1687961.2334	1654732.8869	45° Bend
478	33+21.26	19.42' Lt.	1687961.3862	1654737.8871	2" Air Release Assy.
479	33+26.26	19.47' Lt.	1687961.5389	1654742.8853	45° Bend
480	33+33.23	19.47' Lt.	1687961.6674	1654749.8536	45° Bend
481	35+57+95	20.43' Lt.	1687966.9477	1654974.5089	2" Air Release Assy.
482	36+23.12	20.71' Lt.	1687968.4791	1655039.6652	Cross
483	36+23.10	17.71' Lt.	1687965.4795	1655039.7134	45° Bend
484	36+23.10	14.59' Lt.	1687962.3599	1655039.7636	45° Bend
485	36+23.06	1.63' Lt.	1687949.4016	1655039.9719	45° Bend
486	36+26.06	4.29' Rt.	1687943.4825	1655040.0832	45° Bend
487	36+23.04	6.29' Rt.	1687941.4826	1655040.0993	Cross
488	36+29.01	6.26' Rt.	1687941.6294	1655046.0684	90° Bend
489	36+23.03	9.29' Rt.	1687938.4830	1655040.1475	2" Blowoff Assy.
490	36+23.14	30.77' Lt.	1687978.5377	1655039.4873	45° Bend
491	36+23.16	33.71' Lt.	1687981.4774	1655039.4562	45° Bend
492	36+23.17	35.71' Lt.	1687983.4772	1655039.4240	Tee
493	36+18.17	35.68' Lt.	1687983.3542	1655034.4255	FH
494	36+23.18	40.71' Lt.	1687988.4765	1655039.3436	90° Bend
495	36+31.34	40.68' Lt.	1687988.6077	1655047.5029	90° Bend
496	37+47.95	21.24' Lt.	1687971.4122	1655164.4655	2" Air Release Assy.
497	38+74.33	21.79' Lt.	1687974.3819	1655290.8069	90° Bend
498	38+74.46	9.42' Rt.	1687943.1858	1655291.5401	45° Bend
499	37+74.49	14.81' Rt.	1687937.7925	1655291.6669	45° Bend
500	38+77.63	31.11' Rt.	1687921.5614	1655295.1180	Exist. WL
501	10+00.00	0.00' Rt.	1687897.3683	1652417.4263	POT on Baseline
502	39+89.65	0.00' Rt.	1687954.8165	1655406.5224	POT on Baseline

CONTROL POINTS

Number	Station	Offset	Northing	Easting	Description
10001	9+76.65	35.95' Rt.	1687960.9750	1652394.7720	NAIL
10002	13+57.29	42.29' Lt.	1687946.5160	1652773.8370	NAIL
10003	20+33.37	39.93' Rt.	1687877.3010	1653451.3760	NAIL
10004	26+27.05	27.01' Rt.	1687901.6280	1654044.6910	NAIL
10005	32+71.28	20.00' Rt.	1687921.0130	1654688.6720	NAIL
10101	10+65.54	19.85' Rt.	1687878.7800	1652483.3400	SDMD
10102	16+29.43	18.40' Lt.	1687927.8600	1653046.3900	SDMD
10103	23+40.13	19.81' Lt.	1687942.9300	1653756.9300	SDMD
10104	30+15.32	17.02' Rt.	1687919.0800	1654432.7000	SDMD
10105	36+34.19	37.04' Lt.	1687985.0200	1655050.4200	SDMD
11000	11+79.22	22.69' Rt.	1687878.1260	1652597.0540	BM EI.=1298.295
11362	13+31.08	0.01' Lt.	1687903.7400	1652748.4460	SC + CUT
12087	20+32.23	21.73' Lt.	1687938.9260	1653449.0440	BM EI.=1299.185
12757	27+05.73	21.47' Lt.	1687951.6130	1654122.4300	BM EI.=1300.675
13014	32+98.58	23.03' Lt.	1687964.5620	1654715.1420	BM EI.=1297.53
20001	38+63.05	15.99' Lt.	1687968.3710	1655279.6360	+MARK
23441	39+37.24	17.10' Lt.	1687970.9020	1655353.7950	BM EI.=1299.31

**WATER
BUBBLE MAP**
SHEET TITLE
448-90217
PROJECT NUMBER

JRA, JSB, JRA
DESIGNED DRAWN CHECKED

ISSUED
June 2012

REVISED