

EXISTING CONDITIONS

PROPOSED CONDITIONS 2 - ANDREWS ROAD ELEVATED TANK

Location	Model Label	Satisfies Fire Flow Constraints?	Fire Flow (Needed) (gpm)	Fire Flow (Available) (gpm)	Pressure (Calculated Residual) (psi)	Pressure (Calculated Zone Lower Limit) (psi)	Junction w/ Minimum Pressure (System)	COUNT if Fireflow Req. NOT Met	Label	Satisfies Fire Flow Constraints?	Fire Flow (Needed) (gpm)	Fire Flow (Available) (gpm)	Pressure (Calculated Residual) (psi)	Pressure (Calculated Zone Lower Limit) (psi)	Junction w/ Minimum Pressure (System)	COUNT if Fireflow Req. NOT Met	Fire Flow Improvement (gpm) (PROP 2 - EXIST)	COMMENTS
	Hydrants-64	TRUE	500	1,079	20	20	J-3	0	Hydrants-64	TRUE	500	1,512	20	20.1	J-3	0	433	
	Hydrants-69	FALSE	500	351	20	29.2	Town 14	1	Hydrants-69	FALSE	500	379	20	29.4	Town 14	1	28	
	Hydrants-70	FALSE	500	479	20	29.2	Town 14	1	Hydrants-70	TRUE	500	515	20	29.4	Town 14	0	36	
	J-3	TRUE	500	1,079	20	20	Hydrants-64	0	J-3	TRUE	500	1,514	20	20	Hydrants-64	0	435	
	J-4	TRUE	500	627	20.2	20	J-167	0	J-4	TRUE	500	658	20.3	20.1	J-167	0	31	
	J-5	TRUE	500	627	20.2	20	J-167	0	J-5	TRUE	500	658	20.3	20.1	J-167	0	31	
	J-12	TRUE	500	3,500	25.5	23.2	Town 14	0	J-12	TRUE	500	3,500	26.9	24.5	Town 14	0	0	
	J-13	TRUE	500	3,500	25.3	23.2	Town 14	0	J-13	TRUE	500	3,500	26.7	24.5	Town 14	0	0	
	J-14	TRUE	500	1,459	66.9	20	J-176	0	J-14	TRUE	500	2,489	62.9	20	J-176	0	1,030	
	J-15	TRUE	500	1,459	66.8	20	J-176	0	J-15	TRUE	500	2,489	62.8	20	J-176	0	1,030	
	J-17	TRUE	500	1,009	20	20.4	J-176	0	J-17	TRUE	500	1,306	20	20.5	J-218	0	297	
	J-18	TRUE	500	1,013	20.7	20	J-17	0	J-18	TRUE	500	1,314	20.7	20	J-17	0	301	
	J-19	TRUE	500	947	20	28.1	J-189	0	J-19	TRUE	500	992	20	29.4	Town 14	0	45	
	J-20	TRUE	500	799	80	20	Town 2	0	J-20	TRUE	500	1,975	66.2	20	J-427	0	1,176	
	J-21	TRUE	500	1,527	85.6	20	Town 2	0	J-21	TRUE	500	2,836	80.3	20	J-176	0	1,309	
	J-22	TRUE	500	1,365	23.8	20	Town 2	0	J-22	TRUE	500	1,889	20	25.2	Hydrants-69	0	524	
	J-23	TRUE	500	1,439	39.7	20	J-176	0	J-23	TRUE	500	2,216	20	20	J-58	0	777	
	J-24	TRUE	500	1,358	78.3	20	Town 2	0	J-24	TRUE	500	2,834	45.7	20	J-176	0	1,476	
	J-25	TRUE	500	1,358	78.2	20	Town 2	0	J-25	TRUE	500	2,834	45.5	20	J-189	0	1,476	
	J-26	TRUE	500	833	20	28.2	Town 14	0	J-26	TRUE	500	840	20	28.7	Town 14	0	7	
	J-27	TRUE	500	1,198	43.5	20	J-176	0	J-27	TRUE	500	1,739	43.5	20	J-189	0	541	
	J-30	TRUE	500	1,606	84.2	20	J-189	0	J-30	TRUE	500	2,959	75.3	20	J-189	0	1,353	
NYS Rt 20 west of Franklin St Road	J-31	FALSE	3,000	1,606	83.9	20	J-189	1	J-31	FALSE	3,000	2,959	74.3	20	J-176	1	1,353	Node identified in 2014 C&S Report & GHD Table 7-2
Heritage Woods Crt, W. of Kane Av	J-32	FALSE	750	645	31.4	20	Hydrants-69	1	J-32	FALSE	750	710	31.4	20	Hydrants-69	1	65	Node identified in GHD Table 7-2
	J-33	TRUE	500	1,439	52.1	20	J-176	0	J-33	TRUE	500	2,441	35.3	20	J-176	0	1,002	
	J-34	FALSE	500	305	20	20.9	J-61	1	J-34	FALSE	500	307	20	20.9	J-61	1	2	
	J-35	TRUE	500	3,051	29.1	20	Town 20	0	J-35	TRUE	500	3,267	29	20	Town 20	0	216	
	J-36	TRUE	500	1,445	86.6	20	Town 2	0	J-36	TRUE	500	2,818	81.2	20	J-176	0	1,373	
	J-37	TRUE	500	1,760	21.1	20	J-189	0	J-37	TRUE	500	1,984	20	28.7	Town 14	0	224	
	J-38	TRUE	500	1,288	21.8	20	J-19	0	J-38	TRUE	500	1,413	21.8	20	J-19	0	125	
	J-39	TRUE	500	1,601	42.2	20	J-97	0	J-39	TRUE	500	2,382	20	25.5	J-176	0	781	
	J-40	TRUE	500	1,027	20.7	20	J-176	0	J-40	TRUE	500	1,347	20.7	20	J-176	0	320	
	J-41	TRUE	500	1,013	86.3	20	Town 2	0	J-41	TRUE	500	2,485	69.9	20	J-427	0	1,472	
	J-42	TRUE	500	1,417	81.5	20	Town 2	0	J-42	TRUE	500	2,824	61.2	20	J-176	0	1,407	
	J-43	TRUE	500	1,430	83.2	20	Town 2	0	J-43	TRUE	500	2,820	68.1	20	J-176	0	1,390	
	J-44	FALSE	500	398	20	20	J-249	1	J-44	FALSE	500	431	20	20	J-249	1	33	
	J-45	TRUE	500	2,451	22.3	20	J-205	0	J-45	TRUE	500	2,625	22.2	20	J-205	0	174	
	J-46	TRUE	500	1,160	20	25.9	J-51	0	J-46	TRUE	500	1,174	20	26.1	J-51	0	14	
	J-47	TRUE	500	1,026	20.8	20	J-176	0	J-47	TRUE	500	1,344	20.8	20	J-176	0	318	
NYS Rt 20 at County Line Road	J-49	FALSE	3,500	1,476	85.8	20	Town 2	1	J-49	FALSE	3,500	2,821	79.7	20	J-176	1	1,345	Node identified in 2014 C&S Report & GHD Table 7-2
	J-50	TRUE	500	1,750	78.4	20	J-176	0	J-50	TRUE	500	3,274	56.1	20	J-176	0	1,524	
	J-51	TRUE	500	1,202	20	20.6	J-52	0	J-51	TRUE	500	1,217	20	20.6	J-52	0	15	
	J-52	TRUE	500	1,201	20.3	20	J-51	0	J-52	TRUE	500	1,216	20.3	20	J-51	0	15	
	J-53	TRUE	500	1,462	51	20	Town 2	0	J-53	TRUE	500	2,169	20	27.9	J-189	0	707	
	J-54	TRUE	500	3,500	32.3	29.3	Town 14	0	J-54	TRUE	500	3,500	32.3	29.5	Town 14	0	0	
	J-55	FALSE	500	390	20	20	J-276	1	J-55	FALSE	500	393	20	20	J-276	1	3	
	J-56	TRUE	500	1,509	85.5	20	Town 2	0	J-56	TRUE	500	2,829	79.7	20	J-176	0	1,320	
	J-57	TRUE	500	814	20	28.3	Town 14	0	J-57	TRUE	500	819	20	28.7	Town 14	0	5	
	J-58	TRUE	500	1,440	29.1	20	J-176	0	J-58	TRUE	500	1,837	20	27.7	J-97	0	397	
	J-59	FALSE	2,000	1,961	26.6	20	Town 20	1	J-59	TRUE	2,000	2,032	26.4	20	Town 20	0	71	Node identified in GHD Table 7-2
	J-60	TRUE	500	1,264	89.3	20	Town 2	0	J-60	TRUE	500	2,868	75.5	20	J-176	0	1,604	
	J-61	FALSE	500	290	20	21.4	J-34	1	J-61	FALSE	500	292	20	21.4	J-34	1	2	
Fennell St south of Old Seneca Tpk	J-64	FALSE	2,250	1,460	84.5	20	J-176	1	J-64	TRUE	2,250	2,508	83.8	20	J-176	0	1,048	Node identified in 2014 C&S Report & GHD Table 7-2
	J-65	FALSE	500	269	20	27.4	J-76	1	J-65	FALSE	500	270	20	27.5	J-76	1	1	
	J-66	TRUE	500	2,079	21.3	20	J-205	0	J-66	TRUE	500	2,185	21.3	20	J-205	0	106	
	J-67	FALSE	500	476	20	28.9	Town 14	1	J-67	FALSE	500	481	20	29.2	Town 14	1	5	
	J-68	TRUE	500	806	20	28.3	Town 14	0	J-68	TRUE	500	812	20	28.8	Town 14	0	6	
	J-69	TRUE	500	1,450	20	24.1	J-176	0	J-69	TRUE	500	1,554	20	29	Town 14	0	104	
	J-70	FALSE	500	438	20	20	J-241	1	J-70	FALSE	500	443	20	20.1	J-241	1	5	
	J-71	TRUE	500	1,278	35.2	20	J-3	0	J-71	TRUE	500	2,090	33	20	J-3	0	812	
	J-72	TRUE	500	3,500	30.4	21.6	Town 14	0	J-72	TRUE	500	3,500	32.7	23.3	Town 14	0	0	
	J-73	TRUE	500	1,294	32.7	20	J-3	0	J-73	TRUE	500	2,130	29.3	20	Hydrants-64	0	836	

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	J-74	TRUE	500	1,355	49.7	20	Town 2	0	J-74	TRUE	500	2,337	20	22.4	Hydrants-65	0	982	
	J-75	FALSE	500	410	20	23	J-274	1	J-75	FALSE	500	413	20	23	J-274	1	3	
	J-76	FALSE	500	245	20	29.1	Town 14	1	J-76	FALSE	500	247	20	29.4	Town 14	1	2	
	J-77	TRUE	500	563	20	29.1	Town 14	0	J-77	TRUE	500	585	20	29.4	Town 14	0	22	
	J-78	TRUE	500	724	20.1	28.9	Town 14	0	J-78	TRUE	500	750	20	29.4	Town 14	0	26	
	J-79	TRUE	500	1,674	67.2	20	J-176	0	J-79	TRUE	500	3,038	42.5	20	J-176	0	1,364	
	J-80	TRUE	500	1,851	48.9	20	J-176	0	J-80	TRUE	500	3,500	24.4	20.6	J-176	0	1,649	
	J-81	FALSE	500	439	20	24.1	J-75	1	J-81	FALSE	500	443	20	24.1	J-75	1	4	
	J-82	FALSE	500	148	21.1	20.2	J-83	1	J-82	FALSE	500	151	21.1	20.2	J-83	1	3	
	J-83	FALSE	500	119	20	29.3	Town 14	1	J-83	FALSE	500	122	20	29.5	Town 14	1	3	
	J-84	FALSE	500	250	20	29.1	Town 14	1	J-84	FALSE	500	252	20	29.4	Town 14	1	2	
	J-85	TRUE	500	1,378	70.3	20	Town 2	0	J-85	TRUE	500	3,019	45.5	20	J-176	0	1,641	
	J-86	FALSE	500	264	22.4	20.1	J-83	1	J-86	FALSE	500	269	22.3	20.1	J-83	1	5	
	J-87	TRUE	500	590	20.2	29.1	Town 14	0	J-87	TRUE	500	620	20	29.4	Town 14	0	30	
	J-88	FALSE	1,500	1,386	71.2	20	Town 2	1	J-88	TRUE	1,500	2,829	26.1	20	J-176	0	1,443	Node identified in 2014 C&S Report & GHD Table 7-2
	J-89	TRUE	500	1,505	20	27.8	Town 14	0	J-89	TRUE	500	1,571	20	28.5	Town 14	0	66	
	J-90	TRUE	500	606	20.2	29.1	Town 14	0	J-90	TRUE	500	635	20	29.4	Town 14	0	29	
	J-91	TRUE	500	1,375	63.7	20	Town 2	0	J-91	TRUE	500	3,089	33.6	20	J-176	0	1,714	
East Austin Street at State Street	J-92	FALSE	2,250	553	24.1	20	J-83	1	J-92	FALSE	2,250	566	24.1	20	J-83	1	13	Node identified in GHD Table 7-2
	J-93	TRUE	500	1,370	40.1	20	Town 2	0	J-93	TRUE	500	2,719	37.4	20	Hydrants-64	0	1,349	
	J-94	TRUE	500	1,340	62.9	20	Town 2	0	J-94	TRUE	500	2,946	28.6	20	J-176	0	1,606	
	J-95	TRUE	500	1,020	20	21.2	J-214	0	J-95	TRUE	500	1,032	20	21.2	J-214	0	12	
	J-96	TRUE	500	1,371	41.2	20	Town 2	0	J-96	TRUE	500	2,712	34.4	20	Hydrants-64	0	1,341	
	J-97	TRUE	500	1,021	20	20	J-176	0	J-97	TRUE	500	1,334	20	20	J-176	0	313	
	J-99	TRUE	500	1,758	72.7	20	J-176	0	J-99	TRUE	500	3,266	50.5	20	J-176	0	1,508	
	J-100	TRUE	500	1,390	77	20	Town 2	0	J-100	TRUE	500	2,829	48.7	20	J-176	0	1,439	
	J-101	TRUE	500	1,361	36.3	20	Town 2	0	J-101	TRUE	500	1,873	28	20	Hydrants-65	0	512	
	J-102	TRUE	500	970	20	21.2	J-355	0	J-102	TRUE	500	985	20	21.2	J-355	0	15	
	J-103	TRUE	500	1,007	20	22	J-115	0	J-103	TRUE	500	1,019	20	22.3	J-115	0	12	
	J-104	TRUE	500	972	20	28.3	J-176	0	J-104	TRUE	500	1,006	20	29.4	Town 14	0	34	
	J-105	FALSE	500	341	20	23.3	J-65	1	J-105	FALSE	500	344	20	23.4	J-65	1	3	
	J-106	TRUE	500	1,372	48	20	Town 2	0	J-106	TRUE	500	2,899	28.6	20	Hydrants-64	0	1,527	
	J-107	TRUE	500	1,470	85.8	20	J-176	0	J-107	TRUE	500	2,537	84.8	20	J-176	0	1,067	
	J-108	TRUE	500	2,442	45	20	J-176	0	J-108	TRUE	500	3,409	20	24	J-268	0	967	
	J-109	FALSE	500	369	20	29	Town 14	1	J-109	FALSE	500	372	20	29.3	Town 14	1	3	
	J-110	TRUE	500	2,388	24.1	20	J-176	0	J-110	TRUE	500	2,844	20	21.9	J-221	0	456	
	J-111	TRUE	500	1,373	51.7	20	Town 2	0	J-111	TRUE	500	2,990	26.8	20	Hydrants-64	0	1,617	
	J-112	TRUE	500	1,372	43.5	20	Town 2	0	J-112	TRUE	500	2,838	28	20	Hydrants-64	0	1,466	
	J-113	TRUE	500	1,166	20	24.3	Town 2	0	J-113	TRUE	500	1,642	20	29.2	Town 14	0	476	
	J-114	TRUE	500	1,370	42	20	Town 2	0	J-114	TRUE	500	2,676	40	20	J-3	0	1,306	
	J-115	TRUE	500	769	20	23.5	J-109	0	J-115	TRUE	500	779	20	23.5	J-109	0	10	
	J-116	TRUE	500	1,311	76.6	20	Town 2	0	J-116	TRUE	500	2,918	53.2	20	J-176	0	1,607	
	J-117	TRUE	500	636	23.3	20	J-349	0	J-117	TRUE	500	644	23.3	20	J-349	0	8	
	J-118	TRUE	500	1,515	80.6	20	Town 2	0	J-118	TRUE	500	2,753	73.5	20	J-189	0	1,238	
	J-119	TRUE	500	1,491	90.4	20	J-176	0	J-119	TRUE	500	2,606	89.1	20	J-176	0	1,115	
	J-120	FALSE	2,500	1,339	54	20	Town 2	1	J-120	TRUE	2,500	2,681	20	20.6	J-252	0	1,342	Node identified in 2014 C&S Report & GHD Table 7-2
	J-121	TRUE	500	1,436	68.5	20	J-176	0	J-121	TRUE	500	2,427	68.5	20	J-176	0	991	
	J-122	TRUE	500	1,240	29.8	20	Hydrants-64	0	J-122	TRUE	500	1,950	27.4	20	Hydrants-64	0	710	
		J-124	TRUE	500	1,026	20.3	20	J-176	0	J-124	TRUE	500	1,345	20.2	20	J-176	0	319
J-125		TRUE	500	1,339	80.7	20	Town 2	0	J-125	TRUE	500	2,838	47.9	20	J-176	0	1,499	
J-126		TRUE	500	1,374	56.4	20	Town 2	0	J-126	TRUE	500	3,059	27.9	20	J-3	0	1,685	
J-127		TRUE	500	3,116	20	22.2	Town 14	0	J-127	TRUE	500	3,302	20	23.7	Town 14	0	186	
J-128		TRUE	500	1,898	21.1	20	J-176	0	J-128	TRUE	500	2,152	20	21.1	J-139	0	254	
J-129		TRUE	500	1,345	57.5	20	Town 2	0	J-129	TRUE	500	2,527	20	20	J-220	0	1,182	
J-132		TRUE	500	1,298	85.6	20	Town 2	0	J-132	TRUE	500	2,850	57.9	20	J-97	0	1,552	
J-133		TRUE	500	1,360	78.3	20	Town 2	0	J-133	TRUE	500	2,833	45.8	20	J-176	0	1,473	
J-134		TRUE	500	2,671	20	23.9	Town 14	0	J-134	TRUE	500	2,744	20	24.9	Town 14	0	73	
J-135		TRUE	500	1,801	64.2	20	J-97	0	J-135	TRUE	500	3,344	39	20	J-176	0	1,543	
J-136		TRUE	500	1,365	74.6	20	Town 2	0	J-136	TRUE	500	2,949	55.1	20	J-176	0	1,584	
	J-137	TRUE	500	1,355	72.8	20	Town 2	0	J-137	TRUE	500	2,946	52.3	20	J-176	0	1,591	
	J-138	TRUE	500	1,401	20	28	Town 14	0	J-138	TRUE	500	1,434	20	28.5	Town 14	0	33	
	J-139	TRUE	500	1,607	20	20.8	J-257	0	J-139	TRUE	500	1,738	20	20.9	J-257	0	131	
	J-140	TRUE	500	1,559	82.9	20	J-176	0	J-140	TRUE	500	2,855	74.2	20	J-176	0	1,296	
	J-141	TRUE	500	1,559	84.8	20	J-97	0	J-141	TRUE	500	2,855	80	20	J-176	0	1,296	
	J-142	TRUE	500	1,318	77.8	20	Town 2	0	J-142	TRUE	500	2,844	45.1	20	J-176	0	1,526	

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West Elizabeth at Orchard Road	J-143	TRUE	500	2,117	33.3	20	J-176	0	J-143	TRUE	500	2,891	25	20	J-83	0	774	Node identified in 2014 C&S Report & GHD Table 7-2
	J-144	TRUE	500	2,109	27.8	20	J-189	0	J-144	TRUE	500	2,525	25.1	20	J-83	0	416	
	J-145	TRUE	500	1,382	75.3	20	Town 2	0	J-145	TRUE	500	2,973	56.6	20	J-97	0	1,591	
	J-146	TRUE	500	3,337	20	20.8	Town 20	0	J-146	TRUE	500	3,500	20.8	22.5	Town 20	0	163	
	J-147	FALSE	1,750	1,379	76.4	20	Town 2	1	J-147	TRUE	1,750	2,951	59.4	20	J-176	0	1,572	
	J-148	TRUE	500	1,559	85.4	20	J-176	0	J-148	TRUE	500	2,856	81.5	20	J-176	0	1,297	
	J-149	TRUE	500	1,337	71.6	20	Town 2	0	J-149	TRUE	500	2,941	51	20	J-176	0	1,604	
	J-150	TRUE	500	3,500	26.4	24.1	Town 14	0	J-150	TRUE	500	3,500	27.3	25	Town 14	0	0	
	J-151	TRUE	500	3,500	25.8	23.7	Town 14	0	J-151	TRUE	500	3,500	26.9	24.8	Town 14	0	0	
	J-152	TRUE	500	1,318	73.9	20	Town 2	0	J-152	TRUE	500	2,843	23.6	20	J-176	0	1,525	
	J-153	TRUE	500	1,341	20	28	Town 14	0	J-153	TRUE	500	1,387	20	28.6	Town 14	0	46	
	J-154	TRUE	500	1,247	87.2	20	Town 2	0	J-154	TRUE	500	2,889	70.4	20	J-189	0	1,642	
	J-155	TRUE	500	3,500	25.3	21.9	Town 14	0	J-155	TRUE	500	3,500	26.4	23	Town 14	0	0	
	J-156	TRUE	500	3,500	25	21.6	Town 14	0	J-156	TRUE	500	3,500	26.1	22.7	Town 14	0	0	
J-158	TRUE	500	3,077	27.3	20	J-176	0	J-158	TRUE	500	3,500	21.1	23.6	Town 14	0	423		
J-159	TRUE	500	1,645	82.6	20	J-97	0	J-159	TRUE	500	3,025	69.7	20	J-176	0	1,380		
J-160	TRUE	500	1,340	71.4	20	Town 2	0	J-160	TRUE	500	2,943	51.1	20	J-176	0	1,603		
J-162	TRUE	500	1,446	75	20	J-176	0	J-162	TRUE	500	2,463	74.7	20	J-176	0	1,017		
J-163	TRUE	500	1,275	85.5	20	Town 2	0	J-163	TRUE	500	2,860	62.9	20	J-189	0	1,585		
J-164	FALSE	500	462	20	20.8	J-235	1	J-164	FALSE	500	465	20	21	J-235	1	3		
J-167	TRUE	500	625	20.1	20.4	J-4	0	J-167	TRUE	500	657	20	20.3	J-4	0	32		
J-168	TRUE	500	1,311	77.1	20	Town 2	0	J-168	TRUE	500	2,918	55.1	20	J-176	0	1,607		
J-169	TRUE	500	1,311	76.4	20	Town 2	0	J-169	TRUE	500	2,918	52.2	20	J-176	0	1,607		
J-170	TRUE	500	1,988	63	20	J-176	0	J-170	TRUE	500	3,396	20	24.8	J-176	0	1,408		
J-171	TRUE	500	1,443	69.1	20	J-176	0	J-171	TRUE	500	2,452	68.9	20	J-176	0	1,009		
J-172	TRUE	500	1,444	68.6	20	J-176	0	J-172	TRUE	500	2,455	67.1	20	J-176	0	1,011		
J-173	TRUE	500	1,887	44.1	20	J-176	0	J-173	TRUE	500	3,291	20	23.1	J-89	0	1,404		
J-174	TRUE	500	1,861	48.4	20	J-176	0	J-174	TRUE	500	3,500	24.3	20.9	J-176	0	1,639		
J-175	TRUE	500	3,500	31.9	29.3	Town 14	0	J-175	TRUE	500	3,500	31.9	29.5	Town 14	0	0		
J-176	TRUE	500	1,016	20	20.1	J-189	0	J-176	TRUE	500	1,327	20	20.1	J-189	0	311		
J-177	TRUE	500	595	20	29	Town 14	0	J-177	TRUE	500	606	20	29.3	Town 14	0	11		
J-178	TRUE	500	1,447	77.6	20	Town 2	0	J-178	TRUE	500	2,837	61.3	20	J-176	0	1,390		
J-181	TRUE	500	1,540	87.6	20	J-97	0	J-181	TRUE	500	2,791	80.6	20	J-176	0	1,251		
J-182	TRUE	500	527	20.1	29.1	Town 14	0	J-182	TRUE	500	546	20	29.4	Town 14	0	19		
J-183	TRUE	500	3,500	25.3	23.2	Town 14	0	J-183	TRUE	500	3,500	26.7	24.5	Town 14	0	0		
J-186	TRUE	500	1,318	79.6	20	Town 2	0	J-186	TRUE	500	2,844	48.6	20	J-189	0	1,526		
J-187	TRUE	500	1,478	86.9	20	J-176	0	J-187	TRUE	500	2,564	85.8	20	J-176	0	1,086		
J-188	TRUE	500	1,022	20.1	20	J-189	0	J-188	TRUE	500	1,338	20.1	20	J-176	0	316		
J-189	TRUE	500	1,020	20	20	J-176	0	J-189	TRUE	500	1,333	20	20	J-176	0	313		
J-190	TRUE	500	1,361	73.9	20	Town 2	0	J-190	TRUE	500	2,947	53.9	20	J-176	0	1,586		
J-191	TRUE	500	1,239	20.1	22.7	Town 2	0	J-191	TRUE	500	1,380	20	29.3	Town 14	0	141		
J-193	TRUE	500	3,500	31.9	28.7	Town 14	0	J-193	TRUE	500	3,500	32	28.9	Town 14	0	0		
J-195	TRUE	500	1,400	77	20	Town 2	0	J-195	TRUE	500	2,914	60.6	20	J-176	0	1,514		
J-196	TRUE	500	1,165	20.1	24.7	Town 2	0	J-196	TRUE	500	1,272	20	29.3	Town 14	0	107		
J-199	TRUE	500	1,451	85.9	20	Town 2	0	J-199	TRUE	500	2,812	79.9	20	J-176	0	1,361		
J-200	TRUE	500	3,500	26.6	23.1	Town 14	0	J-200	TRUE	500	3,500	28.1	24.4	Town 14	0	0		
J-201	TRUE	500	3,500	26.5	22.9	Town 14	0	J-201	TRUE	500	3,500	28.1	24.3	Town 14	0	0		
J-202	TRUE	500	1,436	83.5	20	Town 2	0	J-202	TRUE	500	2,817	71.1	20	J-176	0	1,381		
J-203	TRUE	500	1,437	81.9	20	Town 2	0	J-203	TRUE	500	2,814	67	20	J-97	0	1,377		
J-204	TRUE	500	1,780	21.4	20	J-205	0	J-204	TRUE	500	1,847	21.4	20	J-205	0	67		
J-205	TRUE	500	1,562	20	27.2	J-204	0	J-205	TRUE	500	1,612	20	27.5	J-204	0	50		
J-206	TRUE	500	1,559	85.4	20	J-97	0	J-206	TRUE	500	2,856	81.5	20	J-176	0	1,297		
J-207	TRUE	500	1,559	85	20	J-176	0	J-207	TRUE	500	2,855	80.5	20	J-176	0	1,296		
J-208	TRUE	500	1,026	20.7	20	J-176	0	J-208	TRUE	500	1,344	20.7	20	J-176	0	318		
J-209	TRUE	500	1,359	40.9	20	Town 2	0	J-209	TRUE	500	2,032	23.2	20	Hydrants-69	0	673		
J-210	TRUE	500	1,289	33.7	20	J-3	0	J-210	TRUE	500	2,108	30.5	20	Hydrants-64	0	819		
J-211	TRUE	500	1,287	34.1	20	Hydrants-64	0	J-211	TRUE	500	2,098	31.1	20	J-3	0	811		
J-214	TRUE	500	1,025	20	20.6	J-95	0	J-214	TRUE	500	1,037	20	20.6	J-95	0	12		
J-215	TRUE	500	1,006	20	25.6	J-95	0	J-215	TRUE	500	1,017	20	25.8	J-95	0	11		
J-216	TRUE	500	3,500	25.7	23.4	Town 14	0	J-216	TRUE	500	3,500	26.8	24.6	Town 14	0	0		
Meter 2	TRUE	500	3,500	24.9	21.5	Town 14	0	Meter 2	TRUE	500	3,500	26	22.6	Town 14	0	0		
J-218	TRUE	500	975	20	20.8	J-17	0	J-218	TRUE	500	1,236	20	21.5	J-17	0	261		
J-219	TRUE	500	1,345	71.8	20	Town 2	0	J-219	TRUE	500	2,944	51.3	20	J-176	0	1,599		
J-220	TRUE	500	1,345	47.2	20	Town 2	0	J-220	TRUE	500	2,109	20	28.7	Town 14	0	764		
J-221	TRUE	500	2,442	20	21.6	J-176	0	J-221	TRUE	500	2,679	20	25.2	J-205	0	237		

EXISTING CONDITIONS

PROPOSED CONDITIONS 2 - ANDREWS ROAD ELEVATED TANK

Location	Model Label	Satisfies Fire Flow Constraint	Fire Flow (Needed)	Fire Flow (Available)	Pressure (Calculated Residual)	Pressure (Calculated Zone)	Junction w/ Minimum	COUNT if Fireflow Req. NOT	Label	Satisfies Fire Flow Constraint	Fire Flow (Needed)	Fire Flow (Available)	Pressure (Calculated Residual)	Pressure (Calculated Zone)	Junction w/ Minimum	COUNT if Fireflow Req. NOT	Fire Flow Improvement (gpm)	COMMENTS
	J-222	TRUE	500	3,402	29	20	Town 20	0	J-222	TRUE	500	3,500	31	22.1	Town 20	0	98	
	J-223	TRUE	500	3,003	29	20	Town 20	0	J-223	TRUE	500	3,210	28.9	20	Town 20	0	207	
	J-224	TRUE	500	1,233	29.2	20	Hydrants-64	0	J-224	TRUE	500	1,931	27.2	20	Hydrants-64	0	698	
	J-225	TRUE	500	1,444	86.7	20	Town 2	0	J-225	TRUE	500	2,818	81.3	20	J-176	0	1,374	
	J-226	TRUE	500	645	31.4	20	Hydrants-69	0	J-226	TRUE	500	710	31.4	20	Hydrants-69	0	65	
	J-227	FALSE	500	438	25.6	20.1	Hydrants-69	1	J-227	FALSE	500	476	25.5	20	Hydrants-69	1	38	
	J-228	TRUE	500	1,007	20.9	20	J-102	0	J-228	TRUE	500	1,024	20.9	20	J-102	0	17	
	J-229	TRUE	500	747	20	28.3	Town 14	0	J-229	TRUE	500	757	20	28.8	Town 14	0	10	
	J-230	FALSE	500	280	20	29.1	Town 14	1	J-230	FALSE	500	281	20	29.3	Town 14	1	1	
	J-231	TRUE	500	1,856	48.4	20	J-176	0	J-231	TRUE	500	3,500	24.4	20.7	J-176	0	1,644	
	J-232	TRUE	500	2,206	30.2	20	J-176	0	J-232	TRUE	500	2,991	20	21.2	J-83	0	785	
	J-233	TRUE	500	639	20	20.8	J-349	0	J-233	TRUE	500	647	20	20.9	J-349	0	8	
	J-234	TRUE	500	3,500	30.7	20.8	Town 14	0	J-234	TRUE	500	3,500	33.4	22.7	Town 14	0	0	
	J-235	FALSE	500	467	20	23.9	J-81	1	J-235	FALSE	500	472	20	23.9	J-81	1	5	
	J-236	TRUE	500	502	21.6	20	J-109	0	J-236	TRUE	500	507	21.6	20	J-109	0	5	
	J-237	TRUE	500	1,439	44.5	20	J-189	0	J-237	TRUE	500	2,376	21.6	20	J-58	0	937	
	J-238	TRUE	500	1,256	30.5	20	Hydrants-64	0	J-238	TRUE	500	2,013	27.7	20	Hydrants-64	0	757	
	J-239	TRUE	500	1,204	29.1	20	J-3	0	J-239	TRUE	500	1,842	29.1	20	Hydrants-64	0	638	
	J-240	TRUE	500	3,500	25.5	23.2	Town 14	0	J-240	TRUE	500	3,500	26.8	24.5	Town 14	0	0	
	J-241	FALSE	500	439	20	20	J-70	1	J-241	FALSE	500	443	20	20	J-70	1	4	
	J-242	TRUE	500	1,782	68.4	20	J-176	0	J-242	TRUE	500	3,305	51.3	20	J-176	0	1,523	
	Meter 3	TRUE	500	1,819	26.5	20	Town 20	0	Meter 3	TRUE	500	1,878	26.3	20	Town 20	0	59	
	J-244	TRUE	500	1,386	77.1	20	Town 2	0	J-244	TRUE	500	2,829	48.1	20	J-176	0	1,443	
	Meter 4	TRUE	500	613	20	20.4	Town 34	0	Meter 4	TRUE	500	621	20	20.6	Town 34	0	8	
	J-246	TRUE	500	999	21.8	20	J-102	0	J-246	TRUE	500	1,016	21.8	20	J-102	0	17	
	J-247	TRUE	500	1,571	81.7	20	J-176	0	J-247	TRUE	500	2,852	74.7	20	J-176	0	1,281	
West Genesee St at West Lake St	J-248	TRUE	500	1,277	36	20	Hydrants-69	0	J-248	TRUE	500	1,648	36.1	20	Hydrants-69	0	371	Node identified in 2014 C&S Report
	J-249	FALSE	500	397	20	20	J-44	1	J-249	FALSE	500	430	20	20	J-44	1	33	
	J-250	TRUE	500	1,370	41.5	20	Town 2	0	J-250	TRUE	500	2,637	40	20	J-3	0	1,267	
	J-252	TRUE	500	1,339	53.6	20	Town 2	0	J-252	TRUE	500	2,630	20	22.9	J-120	0	1,291	
	J-253	TRUE	500	2,111	27.3	20	Town 20	0	J-253	TRUE	500	2,196	27.1	20	Town 20	0	85	
	J-254	TRUE	500	1,512	73.9	20	J-176	0	J-254	TRUE	500	2,689	71.2	20	J-176	0	1,177	
	J-255	TRUE	500	1,750	80.8	20	J-189	0	J-255	TRUE	500	3,261	61.9	20	J-189	0	1,511	
	J-256	TRUE	500	1,766	68.7	20	J-176	0	J-256	TRUE	500	3,273	52.5	20	J-176	0	1,507	
Fennell Street at Kelly Street	J-257	TRUE	500	1,580	20	22.7	J-139	0	J-257	TRUE	500	1,704	20	23.1	J-139	0	124	Node identified in 2014 C&S Report
	J-258	TRUE	500	1,520	73.7	20	J-176	0	J-258	TRUE	500	2,713	70.3	20	J-176	0	1,193	
	J-259	TRUE	500	1,340	70.2	20	Town 2	0	J-259	TRUE	500	2,947	47.7	20	J-176	0	1,607	
	J-260	TRUE	500	711	20.1	21	J-336	0	J-260	TRUE	500	738	20	21	J-336	0	27	
	J-261	TRUE	500	2,413	22.6	20	J-205	0	J-261	TRUE	500	2,583	22.6	20	J-205	0	170	
	J-262	TRUE	500	1,243	89.4	20	Town 2	0	J-262	TRUE	500	2,880	76.2	20	J-176	0	1,637	
	J-263	TRUE	500	1,440	69.2	20	J-176	0	J-263	TRUE	500	2,440	69.1	20	J-189	0	1,000	
	J-264	TRUE	500	3,226	29.8	20	Town 20	0	J-264	TRUE	500	3,490	29.7	20	Town 20	0	264	
Hillside Drive Hydrant	J-265	TRUE	500	1,229	89.3	20	Town 2	0	J-265	TRUE	500	2,888	75.5	20	J-176	0	1,659	Node identified in 2014 C&S Report
	J-266	TRUE	500	1,321	90.3	20	Town 2	0	J-266	TRUE	500	2,843	77.2	20	J-189	0	1,522	
	J-267	TRUE	500	1,485	20	27.5	J-177	0	J-267	TRUE	500	1,529	20	28	J-177	0	44	
	J-268	TRUE	500	2,450	46.7	20	J-176	0	J-268	TRUE	500	3,497	20	20.2	J-108	0	1,047	
	J-269	TRUE	500	1,877	45.9	20	J-176	0	J-269	TRUE	500	3,441	20	20.3	J-173	0	1,564	
	J-270	TRUE	500	1,569	85.8	20	J-176	0	J-270	TRUE	500	2,874	81.4	20	J-176	0	1,305	
	J-271	TRUE	500	3,500	30.3	21.6	Town 14	0	J-271	TRUE	500	3,500	32.7	23.3	Town 14	0	0	
	Meter 1	TRUE	500	689	79.9	20	Town 2	0	Meter 1	TRUE	500	1,720	68.4	20	J-427	0	1,031	
	J-273	TRUE	500	1,408	77.1	20	Town 2	0	J-273	TRUE	500	2,899	60.3	20	J-176	0	1,491	
	J-274	FALSE	500	396	20	20.1	J-55	1	J-274	FALSE	500	398	20	20.1	J-276	1	2	
	J-275	TRUE	500	931	20.2	20	J-115	0	J-275	TRUE	500	945	20.2	20	J-115	0	14	
	J-276	FALSE	750	390	20	20.1	J-55	1	J-276	FALSE	750	393	20	20.1	J-55	1	3	
	J-277	TRUE	500	1,384	77	20	Town 2	0	J-277	TRUE	500	2,951	61.5	20	J-176	0	1,567	
	J-278	TRUE	500	945	20	20	J-305	0	J-278	TRUE	500	960	20	20	J-305	0	15	
	J-279	TRUE	500	1,007	21.1	20	J-102	0	J-279	TRUE	500	1,024	21	20	J-102	0	17	
	J-282	TRUE	500	1,020	20	20	J-176	0	J-282	TRUE	500	1,333	20	20	J-189	0	313	
	J-283	TRUE	500	3,500	31.9	29.3	Town 14	0	J-283	TRUE	500	3,500	31.9	29.5	Town 14	0	0	
	J-294	TRUE	500	1,233	29.1	20	Hydrants-64	0	J-294	TRUE	500	1,931	26.9	20	J-3	0	698	
	J-298	FALSE	500	388	24	20	J-105	1	J-298	FALSE	500	391	23.9	20	J-105	1	3	
	J-305	TRUE	500	593	20	26	J-84	0	J-305	TRUE	500	600	20	26.1	J-84	0	7	
	J-306	TRUE	500	1,233	29.3	20	J-3	0	J-306	TRUE	500	1,929	27.3	20	Hydrants-64	0	696	
	J-307	TRUE	500	526	21.5	20	J-109	0	J-307	TRUE	500	531	21.5	20	J-109	0	5	
	J-309	TRUE	500	1,345	57.3	20	Town 2	0	J-309	TRUE	500	2,515	20	20.7	J-220	0	1,170	

EXISTING CONDITIONS

PROPOSED CONDITIONS 2 - ANDREWS ROAD ELEVATED TANK

Location	Model Label	Satisfies Fire Flow Constraint	Fire Flow (Needed)	Fire Flow (Available)	Pressure (Calculate d Residual)	Pressure (Calculate d Zone)	Junction w/ Minimum	COUNT if Fireflow Req. NOT	Label	Satisfies Fire Flow Constraint	Fire Flow (Needed)	Fire Flow (Available)	Pressure (Calculate d Residual)	Pressure (Calculate d Zone)	Junction w/ Minimum	COUNT if Fireflow Req. NOT	Fire Flow Improvement (gpm)	COMMENTS
	J-310	TRUE	500	3,500	26.2	23.9	Town 14	0	J-310	TRUE	500	3,500	27.2	25	Town 14	0	0	
	J-311	TRUE	500	3,340	20	23.6	Town 14	0	J-311	TRUE	500	3,500	21.1	24.8	Town 14	0	160	
	J-312	TRUE	500	3,500	25.1	21.7	Town 14	0	J-312	TRUE	500	3,500	26.3	22.8	Town 14	0	0	
	J-314	TRUE	500	1,020	20.7	20	J-17	0	J-314	TRUE	500	1,327	20.7	20	J-17	0	307	
	J-317	TRUE	500	3,500	30.7	20.7	Town 14	0	J-317	TRUE	500	3,500	33.4	22.5	Town 14	0	0	
	J-318	TRUE	500	504	20.3	20.1	J-109	0	J-318	TRUE	500	509	20.3	20.1	J-109	0	5	
	J-319	TRUE	500	938	25.3	20	J-115	0	J-319	TRUE	500	952	25.2	20	J-115	0	14	
	J-320	TRUE	500	1,704	80.8	20	J-176	0	J-320	TRUE	500	3,148	63.4	20	J-176	0	1,444	
	J-321	TRUE	500	1,533	87.4	20	J-176	0	J-321	TRUE	500	2,772	80.5	20	J-176	0	1,239	
	J-322	TRUE	500	1,514	88.6	20	J-176	0	J-322	TRUE	500	2,699	86.1	20	J-176	0	1,185	
	J-323	TRUE	500	613	20.1	24	J-87	0	J-323	TRUE	500	645	20	24.3	J-87	0	32	
	J-324	TRUE	500	1,302	35.9	20	J-3	0	J-324	TRUE	500	2,176	35.7	20	Hydrants-64	0	874	
	J-325	TRUE	500	1,370	41.5	20	Town 2	0	J-325	TRUE	500	2,638	40	20	Hydrants-64	0	1,268	
	J-326	TRUE	500	1,370	39.7	20	Town 2	0	J-326	TRUE	500	2,724	37	20	Hydrants-64	0	1,354	
	J-327	TRUE	500	1,370	39.4	20	Town 2	0	J-327	TRUE	500	2,728	36.6	20	J-3	0	1,358	
	J-328	TRUE	500	1,370	39.3	20	Town 2	0	J-328	TRUE	500	2,729	36.5	20	Hydrants-64	0	1,359	
	J-331	TRUE	500	1,031	20	27.8	Town 14	0	J-331	TRUE	500	1,047	20	28.3	Town 14	0	16	
	J-332	TRUE	500	926	20	28	Town 14	0	J-332	TRUE	500	939	20	28.5	Town 14	0	13	
	J-334	TRUE	500	599	20.1	20.3	J-335	0	J-334	TRUE	500	622	20	20.2	J-335	0	23	
	J-335	TRUE	500	600	20.1	20.1	J-334	0	J-335	TRUE	500	623	20	20	J-334	0	23	
	J-336	TRUE	500	695	20.1	25.2	J-260	0	J-336	TRUE	500	721	20	25.4	J-260	0	26	
	J-339	TRUE	500	1,491	80.5	20	J-176	0	J-339	TRUE	500	2,606	59.6	20	J-176	0	1,115	
	J-341	TRUE	500	1,489	85.6	20	Town 2	0	J-341	TRUE	500	2,824	79.5	20	J-176	0	1,335	
	J-343	TRUE	500	1,504	81.7	20	Town 2	0	J-343	TRUE	500	2,770	71.3	20	J-189	0	1,266	
	J-347	TRUE	500	1,332	20	20.4	J-348	0	J-347	TRUE	500	1,355	20	20.5	J-348	0	23	
	J-348	TRUE	500	1,028	20	21.4	J-349	0	J-348	TRUE	500	1,044	20	21.5	J-349	0	16	
	J-349	TRUE	500	631	20	24.7	J-357	0	J-349	TRUE	500	639	20	24.7	J-357	0	8	
	J-350	TRUE	500	3,404	31.8	20	Town 20	0	J-350	TRUE	500	3,500	33.7	22	Town 20	0	96	
	J-351	TRUE	500	3,384	31.9	20	Town 20	0	J-351	TRUE	500	3,500	33.6	21.8	Town 20	0	116	
	J-352	TRUE	500	3,500	26.6	23	Town 14	0	J-352	TRUE	500	3,500	28.1	24.4	Town 14	0	0	
	J-354	TRUE	500	1,151	20	28.3	Town 14	0	J-354	TRUE	500	1,175	20	28.8	Town 14	0	24	
	J-355	TRUE	500	972	20.9	20	J-102	0	J-355	TRUE	500	987	20.9	20	J-102	0	15	
	J-356	TRUE	500	972	20.8	20	J-102	0	J-356	TRUE	500	988	20.8	20	J-102	0	16	
	J-357	TRUE	500	638	22.6	20	J-349	0	J-357	TRUE	500	646	22.5	20	J-349	0	8	
	J-358	TRUE	500	3,420	31.6	20	Town 20	0	J-358	TRUE	500	3,500	33.7	22.1	Town 14	0	80	
County Line Rd (N end of system)	J-359	TRUE	3,000	3,500	30.3	21.6	Town 14	0	J-359	TRUE	3,000	3,500	32.7	23.3	Town 14	0	0	Node identified in 2014 C&S Report & GHD Table 7-2
	J-362	TRUE	500	1,384	77	20	Town 2	0	J-362	TRUE	500	2,951	61.3	20	J-176	0	1,567	
	J-364	TRUE	500	3,500	32.3	29	Town 14	0	J-364	TRUE	500	3,500	32.4	29.2	Town 14	0	0	
	J-366	TRUE	500	1,020	20	20	J-176	0	J-366	TRUE	500	1,334	20	20	J-189	0	314	
	J-367	TRUE	500	3,500	33.5	29.3	Town 14	0	J-367	TRUE	500	3,500	33.5	29.5	Town 14	0	0	
	J-370	TRUE	500	1,437	68.8	20	J-176	0	J-370	TRUE	500	2,433	68.8	20	J-176	0	996	
	Town 35	TRUE	500	567	28.3	20	Town 34	0	Town 35	TRUE	500	574	28.2	20	Town 34	0	7	TOWN NODE
	Town 36	TRUE	500	567	26.8	20	Town 34	0	Town 36	TRUE	500	574	26.8	20	Town 34	0	7	TOWN NODE
	Town 27	TRUE	500	564	28.7	20	Town 34	0	Town 27	TRUE	500	571	28.7	20	Town 34	0	7	TOWN NODE
	Town 28	TRUE	500	556	30	20	Town 34	0	Town 28	TRUE	500	563	30	20	Town 34	0	7	TOWN NODE
	Town 29	TRUE	500	530	30	20	Town 34	0	Town 29	TRUE	500	537	30	20	Town 34	0	7	TOWN NODE
	Town 30	TRUE	500	525	33	20	Town 34	0	Town 30	TRUE	500	532	33	20	Town 34	0	7	TOWN NODE
	Town 32	TRUE	500	514	33	20	Town 34	0	Town 32	TRUE	500	520	33	20	Town 34	0	6	TOWN NODE
	Town 34	TRUE	500	503	20	25.3	Town 33	0	Town 34	TRUE	500	510	20	25.3	Town 33	0	7	TOWN NODE
	Town 33	TRUE	500	514	23.3	20	Town 34	0	Town 33	TRUE	500	520	23.3	20	Town 34	0	6	TOWN NODE
	Town 31	TRUE	500	525	33.3	20	Town 34	0	Town 31	TRUE	500	532	33.3	20	Town 34	0	7	TOWN NODE
	Town 26	TRUE	500	587	28	20	Town 20	0	Town 26	TRUE	500	598	27.8	20	Town 20	0	11	TOWN NODE
	Town 25	TRUE	500	574	25.8	20	Town 20	0	Town 25	TRUE	500	584	25.7	20	Town 20	0	10	TOWN NODE
	Town 24	TRUE	500	558	24.2	20	Town 20	0	Town 24	TRUE	500	568	24.1	20	Town 20	0	10	TOWN NODE
	Town 18	TRUE	500	554	26.1	20	Town 20	0	Town 18	TRUE	500	564	26.1	20	Town 20	0	10	TOWN NODE
	Town 22	TRUE	500	553	43.7	20	Town 20	0	Town 22	TRUE	500	564	43.3	20	Town 20	0	11	TOWN NODE
	Town 23	TRUE	500	554	41.6	20	Town 20	0	Town 23	TRUE	500	564	40.6	20	Town 20	0	10	TOWN NODE
	Town 17	TRUE	500	544	28.7	20	Town 20	0	Town 17	TRUE	500	554	28.7	20	Town 20	0	10	TOWN NODE
	Town 16	TRUE	500	1,453	29.4	20	Town 20	0	Town 16	TRUE	500	1,493	29.2	20	Town 20	0	40	TOWN NODE
	Town 19	FALSE	500	463	24.3	20	Town 20	1	Town 19	FALSE	500	470	24.3	20	Town 20	1	7	TOWN NODE
	Town 20	FALSE	500	431	20	26.5	Town 19	1	Town 20	FALSE	500	438	20	26.5	Town 19	1	7	TOWN NODE
	Town 21	FALSE	500	439	25.7	20	Town 20	1	Town 21	FALSE	500	447	25.6	20	Town 20	1	8	TOWN NODE
	Town 15	TRUE	500	534	20	21.7	Town 14	0	Town 15	TRUE	500	542	20	21.8	Town 14	0	8	TOWN NODE
	Town 14	TRUE	500	509	20	25.6	Town 13	0	Town 14	TRUE	500	520	20	25.7	Town 13	0	11	TOWN NODE
	Town 13	TRUE	500	553	24	20	Town 14	0	Town 13	TRUE	500	565	24	20	Town 14	0	12	TOWN NODE

EXISTING CONDITIONS

PROPOSED CONDITIONS 2 - ANDREWS ROAD ELEVATED TANK

Location	Model Label	Satisfies Fire Flow Constraint	Fire Flow (Needed)	Fire Flow (Available)	Pressure (Calculated Residual)	Pressure (Calculated Zone)	Junction w/ Minimum	COUNT if Fireflow Req. NOT	Label	Satisfies Fire Flow Constraint	Fire Flow (Needed)	Fire Flow (Available)	Pressure (Calculated Residual)	Pressure (Calculated Zone)	Junction w/ Minimum	COUNT if Fireflow Req. NOT	Fire Flow Improvement (gpm)	COMMENTS
	Town 12	TRUE	500	643	26.7	20	Town 14	0	Town 12	TRUE	500	658	26.6	20	Town 14	0	15	TOWN NODE
	Town 11	TRUE	500	725	32.9	20	Town 14	0	Town 11	TRUE	500	745	32.9	20	Town 14	0	20	TOWN NODE
	Town 10	TRUE	500	938	32.7	20	Town 14	0	Town 10	TRUE	500	968	32.6	20	Town 14	0	30	TOWN NODE
	Town 9	TRUE	500	967	33.1	20	Town 14	0	Town 9	TRUE	500	1,000	33.1	20	Town 14	0	33	TOWN NODE
	Town 8	TRUE	500	657	65.5	20	Town 2	0	Town 8	TRUE	500	1,671	53.9	20	J-427	0	1,014	TOWN NODE
	Town 7	TRUE	500	549	71.5	20	Town 2	0	Town 7	TRUE	500	1,542	58.9	20	Town 2	0	993	TOWN NODE
	Town 6	FALSE	500	475	30.8	20	Town 2	1	Town 6	TRUE	500	1,332	24.2	20	Town 2	0	857	TOWN NODE
	Town 4	FALSE	500	419	24.4	20	Town 2	1	Town 4	TRUE	500	1,158	24.3	20	Town 2	0	739	TOWN NODE
	Town 2	FALSE	500	399	20	22.2	Town 1	1	Town 2	TRUE	500	987	20	22.2	Town 1	0	588	TOWN NODE
	Town 1	FALSE	500	399	21.6	20	Town 2	1	Town 1	TRUE	500	973	20	20.6	Town 2	0	574	TOWN NODE
	Town 3	FALSE	500	410	22.2	20	Town 2	1	Town 3	TRUE	500	1,075	22.2	20	Town 2	0	665	TOWN NODE
	Town 5	FALSE	500	428	24.4	20	Town 2	1	Town 5	TRUE	500	1,188	23.1	20	Town 2	0	760	TOWN NODE
	J-422	FALSE	500	419	29.5	20	Town 2	1	J-422	TRUE	500	1,252	29	20	Town 2	0	833	TOWN NODE
	J-423	FALSE	500	419	29.4	20	Town 2	1	J-423	TRUE	500	1,101	20	25.3	Town 2	0	682	TOWN NODE
	J-424	TRUE	500	667	64.9	20	Town 2	0	J-424	TRUE	500	1,582	54.6	20	J-427	0	915	TOWN NODE
	J-425	TRUE	500	593	24.4	20	J-427	0	J-425	TRUE	500	797	24.4	20.1	J-427	0	204	TOWN NODE
	J-426	TRUE	500	585	24.3	20	J-427	0	J-426	TRUE	500	780	24.4	20.1	J-427	0	195	TOWN NODE
	J-427	TRUE	500	549	20	24	Town 2	0	J-427	TRUE	500	719	20	28.6	J-426	0	170	TOWN NODE
	J-428	TRUE	500	549	30.1	20	J-427	0	J-428	TRUE	500	719	29.3	20.1	J-427	0	170	TOWN NODE
	J-429	TRUE	500	549	65.6	20	J-427	0	J-429	TRUE	500	719	61.6	20	J-427	0	170	TOWN NODE
	J-430	TRUE	500	549	58.6	20	J-427	0	J-430	TRUE	500	719	52.7	20	J-427	0	170	TOWN NODE
	J-431	TRUE	500	676	76.3	20	Town 2	0	J-431	TRUE	500	1,686	65.2	20	J-427	0	1,010	TOWN NODE
	J-432	FALSE	500	475	46.1	20	Town 2	1	J-432	TRUE	500	1,332	440.1	20	Town 2	0	857	TOWN NODE
	J-433	TRUE	500	1,271	20	29.4	Town 14	0	J-433	TRUE	500	1,271	20	29.4	Town 14	0	n/a	TOWN NODE
	J-434	TRUE	500	2,668	21.8	20	J-433	0	J-434	TRUE	500	2,668	21.8	20	J-433	0	n/a	TOWN NODE
	J-435	TRUE	500	2,521	20	28	J-436	0	J-435	TRUE	500	2,521	20	28	J-436	0	n/a	TOWN NODE
	J-436	TRUE	500	2,549	20	25.3	J-435	0	J-436	TRUE	500	2,549	20	25.3	J-435	0	n/a	TOWN NODE
	J-437	TRUE	500	2,873	22.2	20	J-436	0	J-437	TRUE	500	2,873	22.2	20	J-436	0	n/a	TOWN NODE
	J-438	TRUE	500	2,963	22.7	20	Hydrants-64	0	J-438	TRUE	500	2,963	22.7	20	Hydrants-64	0	n/a	TOWN NODE
	J-439	TRUE	500	2,867	27.5	20	J-3	0	J-439	TRUE	500	2,867	27.5	20	J-3	0	n/a	TOWN NODE
	J-440	TRUE	500	2,835	30	20	Hydrants-64	0	J-440	TRUE	500	2,835	30	20	Hydrants-64	0	n/a	TOWN NODE
	J-441	TRUE	500	2,816	31.5	20	J-3	0	J-441	TRUE	500	2,816	31.5	20	J-3	0	n/a	TOWN NODE
	J-442	TRUE	500	2,773	34	20	Hydrants-64	0	J-442	TRUE	500	2,773	34	20	Hydrants-64	0	n/a	TOWN NODE
	J-443	TRUE	500	2,757	34.8	20	Hydrants-64	0	J-443	TRUE	500	2,757	34.8	20	Hydrants-64	0	n/a	TOWN NODE
																	579	AVG FIRE FLOW IMPROVEMENT
																	625	AVG FIRE FLOW IMPROVEMENT - VILLAGE
																	181	AVG FIRE FLOW IMPROVEMENT - TOWN

TOTAL BAD FIRE FLOW NODES	48
VILLG. BAD FIRE FLOW NODES	36
TOWN BAD FIRE FLOW NODES	12

TOTAL BAD FIRE FLOW NODES	33	579	AVG FIRE FLOW IMPROVEMENT
VILLG. BAD FIRE FLOW NODES	30	625	AVG FIRE FLOW IMPROVEMENT - VILLAGE
TOWN BAD FIRE FLOW NODES	3	181	AVG FIRE FLOW IMPROVEMENT - TOWN