

Pennichuck Water Works, Inc.
2015 Quarterly WICA Water Main Project Update
 Updated 12/23/2015

1	A	B	C	D	E	F	G	H	I	J	K	L	P	Q	R	S	AC	AD	AE
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3																			
4	PIPE SEGMENT OR PROJECT NAME	CITY/TOWN	Work Order Number	MATERIAL	Original WICA FILING LENGTH (FEET)	Revised LENGTH as of 3/30/2015 (FEET)	Estimated LENGTH as of 6/30/2015 (FEET)	Estimated LENGTH as of 9/30/2015 (FEET)	Estimated LENGTH as of 12/21/2015 (FEET)	EXISTING PIPE DIAMETER (INCHES)	PROPOSED NEW PIPE DIAMETER (INCHES)	ORIGINAL WICA FILING ESTIMATED COST	ESTIMATED COST AS OF 12/21/2015	PIPE INSTALLATION DATE	PIPE AGE USEFUL LIFE	FULLY DEPREC	Explanation of Change from Original Filing		
5	Chestnut Street (Lake to Lovell)	NASHUA		CAST IRON UNLINED	735	735	735	735	706	6	12	\$ 314,000	\$151,355	1918-1924	70	YES	Completed, Final Paving in 2016 est - \$53,000.00		
6	Chestnut Street (Lovell to End)	NASHUA		CAST IRON UNLINED	263	263	263	263	397	6	12	\$ 105,000	\$73,118	1918-1925	70	YES	Completed, Final Paving in 2016 est - \$30,000.00		
7	Lovell Street (Chestnut to Ash)	NASHUA		CAST IRON UNLINED	420	420	420	420	400	6	12	\$ 185,000	\$44,700	1892-1898	70	YES	Completed, Final Paving in 2016 est - \$31,000.00		
8	Lovell Street (Ash to Pine)	NASHUA		CAST IRON UNLINED	750	750	750	750	814	4	8	\$ 269,000	\$110,757	1924-1934	40	YES	Completed, Final Paving in 2016 est - \$62,000.00		
9	Ash Street (Lovell to End)	NASHUA		CAST IRON UNLINED	190	190	190	190	342	4 & 1-1/2	4	\$ 62,000	\$61,596	1921	40	YES	Due to conflict with gas and sewer water was changed from PVC to DIP & the cost of small diameter main was more than anticipated - Completed, Final paving in 2016 est - \$27,000.00		
10	Lovell Street (Easterly of Chestnut to end)	NASHUA		GAVANIZED STEEL	187	187	187	187	303	1-1/4	4	\$ 48,000	\$37,834	1955	40	YES	Completed, Final Paving in 2016 est - \$23,000.00		
11	Rochette Avenue (Chestnut easterly)	NASHUA		CEMENT LINED STEEL	163	163	163	163	175	2	4	\$ 46,000	\$30,758	1952-1956	40	YES	Completed, Final Paving in 2016 est - \$13,500.00		
12	Marquis Avenue (Lovell southerly)	NASHUA		CEMENT LINED STEEL	125	125	125	125	128	1-1/2	4	\$ 39,000	\$19,177	1945	40	YES	Completed, Final Paving in 2016 est - \$10,000.00		
13	Harbor Avenue (Allds northerly)	NASHUA		CAST IRON UNLINED	480	480	480	480	572	6	12	\$ 229,000	\$159,410	1888	70	YES	Complete		
14	Foundry Street	AMHERST		TRANSITE	1,465	1,465	1,465	1,465	1,199	6	8	\$ 209,000	\$233,267	1950	40	YES	Complete		
15	School Street	AMHERST		TRANSITE	240	240	240	240	280	4	6	\$ 40,000	\$28,114	1950	40	YES	Complete		
16	Manchester Road (Bridge Crossing)	AMHERST		TRANSITE	300	300	880	880	486	6	12	\$ 176,000	\$109,725	1950	40	YES	Complete		
17	Manchester Road (Bridge Crossing)	AMHERST		TRANSITE					185	6	10		\$168,720	1950	40	YES	Complete		
18	Manchester Road (Bridge Crossing)	AMHERST		TRANSITE					88	6	8		\$22,400	1950	40	YES	Complete		
19	Miami Street (Intervale to Tampa)	NASHUA		GAVANIZED STEEL	427	427	-	-	-	2	8	\$ 148,000	-	1927	40	YES	Deferred until 2018 by PWV		
20	Brook Street (Ash to Fulton)	NASHUA		CAST IRON UNLINED	1,141	1,141	1,141	1,141	-	6	8	\$ 397,000	-	1887-1924	70	YES	Deferred until 2018 by PWV		
21	Hamilton Street (Lake to Brook)	NASHUA		CAST IRON UNLINED	411	411	-	-	-	6	6	\$ 130,000	-	1909-1941	70	YES	Deferred until 2018 by PWV		
22	Burritt Street (Lake to Brook)	NASHUA		CAST IRON UNLINED	424	424	-	-	-	6	6	\$ 155,000	-	1887-1921	70	YES	Deferred until 2018 by PWV		
23	Burritt Street (Brook St. southerly)	NASHUA		CAST IRON UNLINED	182	182	182	182	-	4	4	\$ 43,000	-	1941	40	YES	Deferred until 2018 by PWV		
24	Ash Street (Lake to Lovell)	NASHUA		CAST IRON UNLINED	517	517	-	-	-	6	6	\$ 166,000	-	1892	70	YES	Deferred until 2018 by PWV		
25	Lake Street (Pine St. easterly)	NASHUA		CAST IRON UNLINED	154	154	154	-	-	6	12	\$ 113,000	-	1888	70	YES	Deferred until 2018 by PWV		
26	Mulberry Street	NASHUA		CAST IRON UNLINED	50	50	54	54	42	8	8	\$ 46,500	\$54,878	1932	70	YES	Complete		
27	Ninth Street	NASHUA		GAVANIZED STEEL	627	627	627	627	637	2	4	\$ 102,000	\$139,871	1952-1957	40	YES	Complete		
28	Eldridge Street	NASHUA		CAST IRON UNLINED		40	40	40	37	6	6		\$27,970	1952-1957	40	YES	Complete		
29	Temple Street (Amory to E. Hollis St)	NASHUA		CAST IRON UNLINED	1,030	1,030	985	985	990	10	10	\$ 278,100	\$342,647	1908	70	YES	Complete		
30	Temple Street (Amory to Commercial St)	NASHUA		CAST IRON UNLINED	-	-	-	300	-	8	6		\$154,700	1908	70	YES	City of Nashua extended the project to Commercial St but then postponed the work - we extended the project across the RR tracks in anticipation of the continuation in 2016		
31	Fairmount Street	NASHUA		CAST IRON UNLINED	215	215	215	215	211	6	4	\$ 57,000	\$71,025	1887	70	YES	Complete		
32	Alds Street (Main to Harbor, parallels 16" CI)	NASHUA		CAST IRON UNLINED	1,722	1,722	1,722	1,722	1,722	8	Abandon	\$ 123,000	\$162,742	1931	70	YES	Complete		
33	Alds Street (Main to Harbor, exclusive of bridge crossing)	NASHUA		TRANSITE	962	962	962	962	624	12	16	\$ 324,000	\$441,728	1961	85	NO	Complete		
34	Alds Street (Main to Harbor, exclusive of bridge crossing)	NASHUA		TRANSITE					59	12	12		\$28,971	1961	85	NO	Complete		
35	Alds Street - Salmon Brook Crossing	NASHUA		TRANSITE	760	760	760	760	534	12	20	\$ 425,000	\$234,098	1961	85	NO	20" HDPE - Complete		
36	Alds Street - Salmon Brook Crossing	NASHUA		TRANSITE					51	12	16	\$ -	\$25,663	1961	85	NO	16" DIPCL - Complete		
37	Kinsley Street	NASHUA		CAST IRON UNLINED	-	-	42	42	47	8	12		\$101,218	1932	70	YES	Completed, Final Paving in 2016 est - \$2000.00		
38	Howard Avenue (Emergency)	NASHUA		CAST IRON UNLINED				455	432	4" & 2"	4		\$132,753	1888	70	YES	Completed, Final pavement in 2016 est - \$33,930.00		
39	Howard Avenue (Emergency)	NASHUA		CAST IRON UNLINED				110	107	1 1/2	2		\$19,213	1888	70	YES	Completed, Final pavement in 2016 est - \$3900.00		
40	Coburn Woods	NASHUA		POLYBUTYLENE	700	700	-	-	-	2	4	\$ 274,000	-	1969	40	YES	Owners paved all streets - project delayed 4+ years.		
41	Allds Street at Main St	NASHUA		CEMENT LINED STEEL	-	-	44	44	-	2	4		-	1930	70	YES	City delayed to 2016		
42	Field St at Main St	NASHUA		CAST IRON UNLINED	-	-	44	44	-	6	6		-	1922	70	YES	City delayed to 2016		
43	Fossa Ave at Main St	NASHUA		CAST IRON UNLINED	-	-	44	44	-	6	6		-	1928	70	YES	City delayed to 2016		
44	Revere St at Main St	NASHUA		CAST IRON UNLINED	-	-	36	36	-	6	12		-	1921	70	YES	City delayed to 2016		
45	Pratt St at Main St	NASHUA		CAST IRON UNLINED	-	-	34	34	-	6	6		-	1908	70	YES	City delayed to 2016		
46	Fowell Ave at Main St	NASHUA		CAST IRON UNLINED	-	-	36	36	-	6	6		-	1919	70	YES	City delayed to 2016		
47	Stevens St at Main St	NASHUA		CAST IRON UNLINED	-	-	18	18	-	6	6		-	1930	70	YES	City delayed to 2016		
48	Faxon St at Main St	NASHUA		CAST IRON UNLINED	-	-	15	15	-	6	6		-	1906	70	YES	City delayed to 2016		
49	Buchanan St at Main St	NASHUA		CAST IRON UNLINED	-	-	15	15	-	6	6		-	1934	70	YES	City delayed to 2016		
50	Lincoln St at Main St	NASHUA		CAST IRON UNLINED	-	-	15	15	-	6	6		-	1889	70	YES	City delayed to 2016		
51	Russell Ave at Main St	NASHUA		CAST IRON UNLINED	-	-	15	15	-	8	8		-	1906	70	YES	City delayed to 2016		
52	Taylor St at Main St	NASHUA		CAST IRON UNLINED	-	-	15	15	-	6	6		-	1910	70	YES	City delayed to 2016		
53	Dickerman St at Main St	NASHUA		CAST IRON UNLINED	-	-	15	15	-	6	Abandon		-	1923	70	YES	City delayed to 2016		
54	Dickerman St at Main St	NASHUA		CAST IRON UNLINED	-	-	26	26	-	16	16		-	1923	70	YES	City delayed to 2016		
55	Orchard Ave at Main St	NASHUA		CAST IRON UNLINED	-	-	15	15	-	10	Abandon		-	1917	70	YES	City delayed to 2016		
56	Main St	NASHUA		CAST IRON UNLINED	-	-	2,600	2,600	-	6	Abandon		-	1888	70	YES	City delayed to 2016		
57	Tolles Street	NASHUA		CAST IRON UNLINED	-	430	-	-	-	6	8	\$ -	-	1888	70	YES	City delayed to 2016		
58				Total LF -	14,640	15,070	15,769	16,480	11,568	Total -		\$ 4,503,600	\$ 3,188,408						
59	Paving from 2014 projects -							8	@			\$ 77,522	\$ 77,522						
60	Valve Replacements ³ -			8	@			29	@	\$ 2,006	=	\$ 16,050	\$ 10,558						
61	Service Replacements ³ -			29	@			5	@	\$ 2,944	=	\$ 85,388	\$ 76,496						
62	Hydrant Replacements ³ -			5	@					\$ 5,875	=	\$ 29,374	\$ 76,976						
63												\$ 450,360	\$ 159,420						
64												\$ 5,162,295	\$ 3,589,380						
65																			

66 1. Material Integrity - Rating of 1 point for each break in the last 20 years.
 67 2. ISO Fire Ratings - A rating of 1 for each 500 gpm that the flow in the watermain is less than the ISO required rating.
 68 3. Number of Service, Valve and hydrant replacements is the average of the past 5 years. The average cost for each replacement types is the average cost for 2014. Fourth quarter updates \$\$ for Hydrant, Service and valve replacements reflect 2015 Year to date work order costs.
 69 4. The City plans to add to its FY14 projects with projected FY15 projects. PWV must complete replacement of its mains when the City replaces its sewer mains.

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70	The City operates on a Fiscal year basis between July 1 and June 30 of the following Calendar year. A contingency of 10% is carried to account for this in the initial filing.																		
71	The contingency amounts may be revised each month depending on changes to the individual projects. At 4th qtr end, the contingency is being carried at 5% to cover any outstanding contractor bills for 2015 work that have not been received yet.																		
72																			
73	- Indicates project in progress or completed																		
74	Items in RED indicate deferred projects, new projects or revised amounts since the third quarter 2015 update.																		
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