

Pennichuck Water Works, Inc.
2015 Quarterly WICA Water Main Project Update
 Updated 10/15/2015

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Q	R	S	AC	AD	AE
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 11/30/2015 (FEET)	EXISTING PIPE DIAMETER (INCHES)	PROPOSED NEW PIPE DIAMETER (INCHES)	ORIGINAL WICA FILING ESTIMATED COST AS OF 3/30/2015	ESTIMATED COST AS OF 6/30/2015	ESTIMATED COST AS OF 9/30/2015	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	6	12	\$ 314,000	\$ 314,000	\$ 314,000	\$ 297,375	1918-1924	70	YES	Estimated cost changed to reflect bid numbers			
6	Chestnut Street (Lovell to End)	NASHUA		CAST IRON UNLINED	263	263	263	263	6	12	\$ 105,000	\$ 105,000	\$ 105,000	\$ 138,300	1918-1925	70	YES	Estimated cost changed to reflect bid numbers			
7	Lovell Street (Chestnut to Ash)	NASHUA		CAST IRON UNLINED	420	420	420	420	6	12	\$ 185,000	\$ 185,000	\$ 185,000	\$ 141,350	1892-1898	70	YES	Estimated cost changed to reflect bid numbers			
8	Lovell Street (Ash to Pine)	NASHUA		CAST IRON UNLINED	750	750	750	750	4	8	\$ 269,000	\$ 269,000	\$ 269,000	\$ 197,500	1924-1934	40	YES	Estimated cost changed to reflect bid numbers			
9	Ash Street (Lovell to End)	NASHUA		CAST IRON UNLINED	190	190	190	190	4 & 1-1/2	4	\$ 62,000	\$ 62,000	\$ 62,000	\$ 96,600	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			
10	Lovell Street (Easterly of Chestnut to end)	NASHUA		GAVANIZED STEEL	187	187	187	187	1-1/4	4	\$ 48,000	\$ 48,000	\$ 48,000	\$ 77,000	1955	40	YES	the cost of small diameter main was more than anticipated			
11	Rochette Avenue (Chestnut easterly)	NASHUA		CEMENT LINED STEEL	163	163	163	163	2	4	\$ 46,000	\$ 46,000	\$ 46,000	\$ 61,000	1952-1956	40	YES	the cost of small diameter main was more than anticipated			
12	Marquis Avenue (Lovell southerly)	NASHUA		CEMENT LINED STEEL	125	125	125	125	1-1/2	4	\$ 39,000	\$ 39,000	\$ 39,000	\$ 40,000	1945	40	YES	Estimated cost changed to reflect bid numbers			
13	Harbor Avenue (Allids northerly)	NASHUA		CAST IRON UNLINED	480	480	480	480	6	12	\$ 229,000	\$ 229,000	\$ 229,000	\$ 229,000	1888	70	YES				
14	Foundry Street	AMHERST		TRANSITE	1,465	1,465	1,465	1,465	6	8	\$ 209,000	\$ 209,000	\$ 209,000	\$ 200,000	1950	40	YES	Estimated cost changed to reflect bid numbers			
15	School Street	AMHERST		TRANSITE	240	240	240	240	4	6	\$ 40,000	\$ 40,000	\$ 40,000	\$ 42,000	1950	40	YES	Estimated cost changed to reflect bid numbers			
16	Manchester Road (Bridge Crossing)	AMHERST		TRANSITE	300	300	880	880	6	12	\$ 176,000	\$ 176,000	\$ 300,000	\$ 300,000	1950	40	YES	Town added 550 ft of road rebuild. PWW added 43 ft of sleeve and 580 LF of water main replacement to get replacement beyond the limits of the road rebuild.			
17	Miami Street (Intervale to Tampa)	NASHUA		GAVANIZED STEEL	427	427	-	-	2	8	\$ 148,000	\$ 148,000	\$ -	\$ -	1927	40	YES	Defered until 2016 by PWW			
18	Brook Street (Ash to Fulton)	NASHUA		CAST IRON UNLINED	1,141	1,141	1,141	1,141	6	8	\$ 397,000	\$ 397,000	\$ 397,000	\$ -	1887-1924	70	YES	Defered until 2016 by PWW due to shortage of contractors			
19	Hamilton Street (Lake to Brook)	NASHUA		CAST IRON UNLINED	411	411	-	-	6	6	\$ 130,000	\$ 130,000	\$ -	\$ -	1909-1941	70	YES	Defered until 2016 by PWW			
20	Burritt Street (Lake to Brook)	NASHUA		CAST IRON UNLINED	424	424	-	-	6	6	\$ 155,000	\$ 155,000	\$ -	\$ -	1887-1921	70	YES	Defered until 2016 by PWW			
21	Burritt Street (Brook St. southerly)	NASHUA		CAST IRON UNLINED	182	182	182	182	4	4	\$ 43,000	\$ 43,000	\$ 43,000	\$ -	1941	40	YES	Defered until 2016 by PWW due to shortage of contractors			
22	Ash Street (Lake to Lovell)	NASHUA		CAST IRON UNLINED	517	517	-	-	6	6	\$ 166,000	\$ 166,000	\$ -	\$ -	1892	70	YES	Defered until 2016 by PWW			
23	Lake Street (Pine St. easterly)	NASHUA		CAST IRON UNLINED	154	154	154	154	6	12	\$ 113,000	\$ 113,000	\$ 113,000	\$ -	1888	70	YES	Defered until 2016 by PWW due to shortage of contractors			
24	Mulberry Street	NASHUA		CAST IRON UNLINED	50	50	54	54	8	8	\$ 46,500	\$ 46,500	\$ 46,500	\$ 46,500	1932	70	YES				
25	Ninth Street	NASHUA		GAVANIZED STEEL	627	627	627	627	2	4	\$ 102,000	\$ 102,000	\$ 102,000	\$ 146,500	1952-1957	40	YES	the cost of small diameter main was more than anticipated			
26	Eldridge Street	NASHUA		CAST IRON UNLINED	40	40	40	40	6	6	\$ -	\$ -	\$ -	\$ 32,000	1952-1957	40	YES	Project initially deferred to 2016 by City which has since decided to proceed.			
27	Temple Street (Amory to E. Hollis St)	NASHUA		CAST IRON UNLINED	1,030	1,030	985	985	10	10	\$ 278,100	\$ 278,100	\$ 185,000	\$ 327,800	1908	70	YES	Project was changed to a cleaning and lining effort and additional work for City of Nashua sewer emergency.			
28	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			
29	Fairmount Street	NASHUA		CAST IRON UNLINED	215	215	215	215	6	4	\$ 57,000	\$ 57,000	\$ 57,000	\$ 57,000	1887	70	YES				
30	Alds Street (Main to Harbor), parallels 12" A-C below	NASHUA		CAST IRON UNLINED	1,722	1,722	1,722	1,722	8	Abandon	\$ 123,000	\$ 123,000	\$ 123,000	\$ 123,000	1931	70	YES				
31	Alds Street (Main to Harbor, exclusive of bridge crossing)	NASHUA		TRANSITE	962	962	962	962	12	16	\$ 324,000	\$ 324,000	\$ 324,000	\$ 324,000	1961	85	NO				
32	Alds Street - Salmon Brook Crossing	NASHUA		TRANSITE	760	760	760	760	12	16	\$ 425,000	\$ 425,000	\$ 425,000	\$ 425,000	1961	85	NO				
33	Kinsley Street	NASHUA		CAST IRON UNLINED	-	-	42	42	8	12	\$ -	\$ -	\$ 80,000	\$ 146,250	1932	70	YES	Added to the Mulberry St/Eldridge St shutdown for future extension in Kinsley St.			
34	Howard Avenue (Emergency)	NASHUA		CAST IRON UNLINED	-	-	-	455	4" & 2"	4	\$ -	\$ -	\$ -	\$ 237,600	1888	70	YES	Emergency Water main replacement			
35	Howard Avenue (Emergency)	NASHUA		CAST IRON UNLINED	-	-	-	110	1 1/2	2	\$ -	\$ -	\$ -	\$ 40,700	1888	70	YES	Emergency water main replacement			
36	Coburn Woods	NASHUA		POLYBUTYLENE	700	700	-	-	2	4	\$ 274,000	\$ 274,000	\$ -	\$ -	1969	40	YES				
37	Allids Street at Main St	NASHUA		CEMENT LINED STEEL	-	-	44	44	2	4	\$ -	\$ -	\$ 105,000	\$ -	1930	70	YES	City delayed to 2016 - therefore we removed from our schedule			
38	Field St at Main St	NASHUA		CAST IRON UNLINED	-	-	44	44	6	6	\$ -	\$ -	\$ 65,000	\$ -	1922	70	YES	City delayed to 2016 - therefore we removed from our schedule			
39	Fossa Ave at Main St	NASHUA		CAST IRON UNLINED	-	-	44	44	6	6	\$ -	\$ -	\$ 65,000	\$ -	1928	70	YES	City delayed to 2016 - therefore we removed from our schedule			
40	Revere St at Main St	NASHUA		CAST IRON UNLINED	-	-	36	36	6	12	\$ -	\$ -	\$ 90,000	\$ -	1921	70	YES	City delayed to 2016 - therefore we removed from our schedule			
41	Pratt St at Main St	NASHUA		CAST IRON UNLINED	-	-	34	34	6	6	\$ -	\$ -	\$ 65,000	\$ -	1908	70	YES	City delayed to 2016 - therefore we removed from our schedule			
42	Fowell Ave at Main St	NASHUA		CAST IRON UNLINED	-	-	36	36	6	6	\$ -	\$ -	\$ 65,000	\$ -	1919	70	YES	City delayed to 2016 - therefore we removed from our schedule			
43	Stevens St at Main St	NASHUA		CAST IRON UNLINED	-	-	18	18	6	6	\$ -	\$ -	\$ 58,000	\$ -	1930	70	YES	City delayed to 2016 - therefore we removed from our schedule			
44	Faxon St at Main St.	NASHUA		CAST IRON UNLINED	-	-	15	15	6	6	\$ -	\$ -	\$ 58,000	\$ -	1906	70	YES	City delayed to 2016 - therefore we removed from our schedule			
45	Buchanan St at Main St	NASHUA		CAST IRON UNLINED	-	-	15	15	6	6	\$ -	\$ -	\$ 58,000	\$ -	1934	70	YES	City delayed to 2016 - therefore we removed from our schedule			
46	Lincoln St at Main St	NASHUA		CAST IRON UNLINED	-	-	15	15	6	6	\$ -	\$ -	\$ 58,000	\$ -	1889	70	YES	City delayed to 2016 - therefore we removed from our schedule			
47	Russell Ave at Main St	NASHUA		CAST IRON UNLINED	-	-	15	15	8	8	\$ -	\$ -	\$ 72,000	\$ -	1906	70	YES	City delayed to 2016 - therefore we removed from our schedule			
48	Taylor St at Main St	NASHUA		CAST IRON UNLINED	-	-	15	15	6	6	\$ -	\$ -	\$ 58,000	\$ -	1910	70	YES	City delayed to 2016 - therefore we removed from our schedule			
49	Dickerman St at Main St	NASHUA		CAST IRON UNLINED	-	-	15	15	6	Abandon	\$ -	\$ -	\$ 20,000	\$ -	1923	70	YES	City delayed to 2016 - therefore we removed from our schedule			
50	Dickerman St at Main St	NASHUA		CAST IRON UNLINED	-	-	26	26	16	16	\$ -	\$ -	\$ 88,000	\$ -	1923	70	YES	City delayed to 2016 - therefore we removed from our schedule			
51	Orchard Ave at Main St.	NASHUA		CAST IRON UNLINED	-	-	15	15	10	Abandon	\$ -	\$ -	\$ 40,000	\$ -	1917	70	YES	City delayed to 2016 - therefore we removed from our schedule			
52	Main St	NASHUA		CAST IRON UNLINED	-	-	2,600	2,600	6	Abandon	\$ -	\$ -	\$ 40,000	\$ -	1888	70	YES	City delayed to 2016 - therefore we removed from our schedule			
53	Tolles Street	NASHUA		CAST IRON UNLINED	-	430	-	-	6	8	\$ -	\$ 139,500	\$ -	\$ -	1888	70	YES	Defered until 2016 by City of Nashua			
54				Total LF -	14,640	15,070	15,769	16,480	-	Total -	\$ 4,503,600	\$ 4,643,100	\$ 4,746,500	\$ 3,881,175							
55	Paving from 2014 projects -							8	@		\$ 77,522	\$ 77,522	\$ 77,522	\$ 77,522							
56	Valve Replacements ² -			8	@			29	@	\$ 2,006	=	\$ 16,050	\$ 16,050	\$ 16,050	\$ 16,050						
57	Service Replacements ³ -			29	@			5	@	\$ 2,944	=	\$ 85,388	\$ 85,388	\$ 85,388	\$ 85,388						
58	Hydrant Replacements ⁴ -			5	@					\$ 5,875	=	\$ 29,374	\$ 29,374	\$ 29,374	\$ 29,374						
59										Planning Contingency⁴ -		\$ 450,360	\$ 310,860	\$ 207,460	\$ 388,118						
60										Total Estimated WICA \$\$ in 2015 -		\$ 5,162,295	\$ 5,162,295	\$ 5,162,295	\$ 4,477,627						

61. Material Integrity - Rating of 1 point for each break in the last 20 years.
 62. ISO Fire Ratings - A rating of 1 for each 500 gpm that the flow in the watermain is less than the ISO required rating.
 63. 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
 64. The City plans to add to its FY14 projects with projected FY15 projects. PWW must complete replacement of its mains when the City replaces its sewer mains.
 65. 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.
 66. The contingency amounts may be revised each month depending on changes to the individual projects. At 3rd qtr end, the contingency is being carried at 10%.

67. - Indicates project in progress or completed
 68. Items in RED indicate deferred projects, new projects or revised amounts since second quarter 2015 update.