

CITY OF HUDSON WATER SYSTEM RANKINGS (TOP 20) DRAFT RANKINGS - DATE: 7/21/15																						
EXISTING PIPE INFORMATION																PIPE SCORING						
PIPE RANK (MAP I.D. NUMBER)	STREET	REPLACEMENT SIZE	REPLACE- MENT COST PER LINEAL FOOT	LENGTH	TOTAL EST. COST	SEGMENT	WATER MAIN MATERIAL AND PIPE SIZE	AC PIPE?	PIPE TYPE USEFUL LIFE (SEE NOTE 1)	PIPE AGE (SEE NOTE 2)	PIPE AGE VERSUS USEFUL LIFE	NUMBER OF BREAKS	ROAD FUNCTION CLASS	ASPHALT OR CONCRETE	ROAD PAVED IN LAST 15 YEARS?	WATERMAIN DIAMETER SCORE	AC PIPE? SCORE	PIPE AGE VERSUS USEFUL LIFE SCORE	NUMBER OF BREAKS SCORE	ROAD FUNCTION CLASS AND PAVEMENT TYPE SCORE	OVERALL SCORE (BASED ON 100 SCALE)	PIPE RANK (MAP I.D. NUMBER)
1	MANOR DR.	8"	\$325.00	1522.5	\$494,796.88	FROM SR 303 TO SOUTHERN TERMINUS	6" Cast Iron	NO	100	59	41	11	RESIDENTIAL	ASPHALT	NO	8	0	4	40	10	62	1
2	W CASE DR.	8"	\$325.00	1825.1	\$593,151.00	FROM W. STREETSBORO ST. TO LYNN DR.	6" Cast Iron	NO	100	55	45	10	RESIDENTIAL	ASPHALT	NO	8	0	4	40	10	62	2
3	N OVIATT ST.	8"	\$325.00	1156.0	\$375,700.71	FROM ELLSWORTH CT. TO CHURCH ST.	6" Cast Iron	NO	100	105	-5	9	RESIDENTIAL	ASPHALT	NO	8	0	8	34	10	60	3
4	W STREETSBORO ST.	16"	\$400.00	6477.6	\$2,591,032.00	FROM THE WATER TREATMENT PLANT TOBOSTON MILLS RD.	16" Asbestos Concrete	YES	50	47	3	5	ARTERIAL	ASPHALT	YES	16	12	6	22	0	56	5
5	S MAIN ST.	12"	\$345.00	1183.5	\$408,321.96	FROM NANTUCKET DR. TO 8" PIPE CONNECTION	4" Cast Iron	NO	100	99	1	4	ARTERIAL	ASPHALT	YES	28	0	6	22	0	56	4
6	E STREETSBORO ST.	8"	\$325.00	602.2	\$195,729.57	FROM E. MAIN ST. TO COLLEGE ST.	4" Cast Iron	NO	100	99	1	4	ARTERIAL	ASPHALT	YES	28	0	6	22	0	56	6
7	HARTFORD RD.	8"	\$325.00	1575.3	\$511,962.75	FROM W. CASE DR. TO E. CASE DR.	6" Cast Iron	NO	100	55	45	13	RESIDENTIAL	ASPHALT	YES	8	0	4	40	0	52	7
8	W STREETSBORO ST.	8"	\$325.00	1762.1	\$572,669.50	FROM W. CASE DR. TO LENNOX RD.	6" Cast Iron	NO	100	55	45	14	ARTERIAL	ASPHALT	YES	8	0	4	40	0	52	8
9	MAPLE DR.	8"	\$325.00	612.4	\$199,032.44	FROM S. COLLEGE ST. TO S. OVIATT ST.	4" Cast Iron	NO	100	88	12	3	RESIDENTIAL	ASPHALT	YES	28	0	6	16	0	50	9
10	E MAIN ST.	8"	\$325.00	324.1	\$105,331.97	FROM CHURCH ST. TO E. STREETSBORO ST.	6" Cast Iron	NO	100	105	-5	4	RESIDENTIAL	ASPHALT	NO	8	0	8	22	10	48	10
11	E STREETSBORO ST.	ABANDON LINE	\$325.00	1105.3	-	FROM 6" CONNECTION TO N. HAYDEN PKWY.	4" Cast Iron	NO	100	52	48	3	ARTERIAL	ASPHALT	YES	28	0	4	16	0	48	11
12	ROSLYN AVE.	8"	\$325.00	731.8	\$237,831.75	FROM ELM ST. TO SR 303	4" Cast Iron	NO	100	84	16	1	RESIDENTIAL	ASPHALT	NO	28	0	6	0	10	44	12
13	NANTUCKET DR.	8"	\$325.00	1185.1	\$385,161.46	FROM S. MAIN ST TO BARD DR.	6" Cast Iron	NO	100	58	42	4	RESIDENTIAL	ASPHALT	NO	8	0	4	22	10	44	13
14	BOSTON MILLS RD.	10"	\$375.00	8020.9	\$3,007,833.75	FROM EXECUTIVE PKWY. TO 10" CAST IRON PIPE	10" Asbestos Concrete	YES	50	47	3	5	COLLECTOR	ASPHALT	YES	4	12	6	22	0	44	14
15	N HAYDEN PKWY.	8"	\$325.00	16.4	\$5,330.83	LOCATED AT THE INTERSECTION OF SR 303 AND N HAYDEN PKWY.	4" Cast Iron	NO	100	52	48	0	COLLECTOR	ASPHALT	NO	28	0	4	0	10	42	15
16	N MAIN ST.	8"	\$325.00	102.2	\$33,228.03	FROM CLINTON ST TO AURORA ST.	6" Cast Iron	NO	100	105	-5	3	ARTERIAL	ASPHALT	NO	8	0	8	16	10	42	16
17	HUDSON ST.	8"	\$325.00	1722.3	\$559,750.75	FROM N. OVIATT ST. TO AURORA ST.	6" Cast Iron	NO	100	91	9	6	COLLECTOR	ASPHALT	YES	8	0	6	28	0	42	17
18	CLAIREHAVEN RD.	8"	\$325.00	1451.3	\$471,682.95	FROM COLONY DR. TO VILLAGE VIEW PL.	6" Cast Iron	NO	100	61	39	7	RESIDENTIAL	ASPHALT	YES	8	0	4	28	0	40	18
19	E CASE DR.	8"	\$325.00	806.2	\$262,029.89	FROM SR 303 TO MILFORD RD.	6" Cast Iron	NO	100	55	45	6	RESIDENTIAL	ASPHALT	YES	8	0	4	28	0	40	19
20	CHURCH ST.	8"	\$325.00	698.7	\$227,067.75	FROM COLLEGE ST. TO N. OVIATT ST.	6" Cast Iron	NO	100	91	9	3	RESIDENTIAL	ASPHALT	NO	8	0	6	16	10	40	20
TOTAL =					\$11,237,645.96																	

WATER SEGMENT SCORING KEY											
CATEGORY	DESCRIPTION	PTS	CATEGORY	DESCRIPTION	PTS	CATEGORY	DESCRIPTION	PTS	CATEGORY	DESCRIPTION	PTS
NUMBER OF BREAKS	10 AND OVER	40	DIAMETER (TRUNK OR WATER QUALITY/ FIRE FLOW)	16" LINE (TRUNK)	16	PIPE AGE VERSUS USEFUL LIFE	(-100 TO -40)	10	ROAD CLASS AND PAVEMENT TYPE	ASPHALT ROAD HAS NOT BEEN PAVED WITHIN 15 YEARS AND IS AN ARTERIAL ROAD	10
	8 TO 9	34		12" LINE (TRUNK)	12		ASBESTOS CONCRETE PIPE	12		ASPHALT ROAD HAS NOT BEEN PAVED WITHIN 15 YEARS AND IS A COLLECTOR ROAD	10
	6 TO 7	28		10" LINE (TRUNK)	4		(-39 TO 0)	8		ASPHALT ROAD HAS NOT BEEN PAVED WITHIN 15 YEARS, AND IS A RESIDENTIAL ROAD	10
	4 TO 5	22		8" LINE	0		1 TO 25	6		CONCRETE STREET IS READY FOR ASPHALT OVER LAY	4
	3	16		6" LINE (WQ/FIRE FLOW)	8		26 TO 50	4		ASPHALT ROAD HAS BEEN PAVED WITHIN 15 YEARS	0
	2 OR LESS	0		4" LINE (WQ/FIRE FLOW)	28		51+	0			
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