

Office of the Clerk
VILLAGE OF WAPPINGERS FALLS
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MEMORANDUM

TO: MAYOR, BOARD OF TRUSTEES AND VILLAGE ATTORNEY

FROM: JOHN M. KARGE, VILLAGE CLERK, RMC, CMC.

DATE: 10/26/2007

RE: ROADWAY, CURBS, SIDEWALKS, WATER & SEWER SURVEY

In early spring of this year Mayor Alexander formed a team to conduct a visual condition survey of all village streets. Following the survey we were to prepare a report which describes the condition of the streets, sidewalks and curbs. Central Hudson Gas and Electric was also asked to provide their plans for future work in the village which would possibly require excavation activity. In addition, the report will reflect any needs for sewer and water replacement as well as other major capital spending department needs such as; Fire, Water, Highway, Court, Police , Planning/Zoning, Parks and Recreation

Initially the team consisted of myself, Mr. J. Michael Goebel, Highway Superintendent Marshall, Mayor Alexander, and Water Department Superintendent Booth and several concerned village residents. These individuals met and some actually walked each street took pictures and gathered data to support their findings. The data has been loaded on excel spread sheets and is currently being assessed for repair priority.

It appears in almost every case the water lines are very old and will need replacement on most streets. On the surface of the total 10.1 miles of village maintained streets 4.1 miles are in a category "Poor" and 1.2 miles "Good" and the difference as "Average".

Please find attached preliminary work sheets showing data collected to date.

John M. Karge, RMC, CMC
Village Clerk

Street's ,curbs and sidewalks
initial analysis

Date visual inspection	Walked by: Karge / Goebel	Street Name	Curb /sidewalk replacement needed.	Street condition	Distance feet 5280 = 1 Mi.	Sewer	Water	Ward	\$ Street	\$ Curb	\$ Sidewalk	
8/1/2007	Yes	School	Sidewalk 50%	Poor	670	See notes.	Replace	1	\$118.6k	\$0.0k	\$22.8k	
8/1/2007	Yes	Roy	Curb	Good	300	"	Replace	1	\$0.0k	\$12.6k	\$0.0k	
8/1/2007	Yes	West (E)	Yes	Average	670	"	Replace	1	\$0.0k	\$36.8k	\$73.7k	
8/1/2007	Yes	Brown	Sidewalk	Average	400	"	Replace	1	\$0.0k	\$0.0k	\$27.2k	
8/1/2007	Yes	W.Main	Sidewalk	N/A	3300	"	Replace	1	\$0.0k	\$0.0k	\$51.0k	
8/1/2007	Yes	DeLavernne	Sidewalk	Average	1200	"	Replace	1	\$0.0k	\$0.0k	\$20.4k	
8/1/2007	Yes	Nelson	Curb	Average	2700	"	Partial	1	\$0.0k	\$56.7k	\$0.0k	
8/1/2007	Yes	North	Average	Average	700	"	Replace	1	\$0.0k	\$0.0k	\$0.0k	
8/1/2007	Yes	Pells	N/A	Poor	1350	"	Partial	1	\$239.0k	\$0.0k	\$0.0k	
8/1/2007	Yes	McCaferty	Good	Good	750	"	Good	1	\$0.0k	\$0.0k	\$0.0k	
8/1/2007	Yes	Clinton	Good	Good	950	"	Good	1	\$0.0k	\$0.0k	\$0.0k	
8/1/2007	Yes	Convent	Good	Poor	150	"	Good	1	\$26.6k	\$0.0k	\$0.0k	
8/1/2007	Yes	Downey(N)	Good	Average	500	"	Replace	1	\$0.0k	\$0.0k	\$0.0k	
8/1/2007	Yes	Downey(S)	Sidewalk	Average	500	"	Replace	1	\$0.0k	\$0.0k	\$17.0k	
8/1/2007	Yes	West St.(W)	Good	Average	700	"	Replace	1	\$0.0k	\$0.0k	\$0.0k	
8/1/2007	Yes	Hillside	Sidewalk 50%	Average	750	"	Replace	1	\$12.8k	\$0.0k	\$0.0k	
8/1/2007	Yes	Church	Good	Average	800	"	Good	1	\$0.0k	\$0.0k	\$0.0k	
8/1/2007	Yes	Walker	Good	Average	300	"	Replace	1	\$0.0k	\$0.0k	\$0.0k	
									16690	\$397.0k	\$106.1k	\$212.1k
									2.53 Mi			
									3.16 w/ W Main			
									\$ Street	\$ Curb	\$ Sidewalk	
8/2/2007	Yes	E.Main(S)	Sidewalk	N/A	950	See notes.	Replace	2	\$0.0k	\$0.0k	\$32.3k	
8/2/2007	Yes	Reservior	N/A	Poor	600	"	Good	2	\$106.2k	\$0.0k	\$0.0k	
8/2/2007	Yes	Franklin	Good	Average	300	"	Good	2	\$0.0k	\$0.0k	\$0.0k	
8/2/2007	Yes	Market	Sidewalk	Poor	3100	"	Partial	2	\$274.4k	\$65.1k	\$105.4k	
8/2/2007	Yes	Dut Ter	Curb	Average	315	"	Replace	2	\$0.0k	\$6.6k	\$0.0k	
8/2/2007	Yes	McKinley	N/A	Good	900	"	Replace	2	\$0.0k	\$0.0k	\$0.0k	
8/2/2007	Yes	Garden	Curb	Average	200	"	Replace	2	\$4.2k	\$0.0k	\$0.0k	
8/2/2007	Yes	Burma Hill	N/A	Poor	300	"	Good	2	\$53.1k	\$0.0k	\$0.0k	
8/2/2007	Yes	Dut Ave.	Good	Average	315	"	Replace	2	\$0.0k	\$0.0k	\$0.0k	
8/2/2007	Yes	Fulton	Good	Good	1050	"	Average	2	\$0.0k	\$2.1k	\$0.0k	

Street's ,curbs and sidewalks
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8/2/2007	Yes	W.Academy	Sidewalk	Average	1050	"	Good	2	\$0.0k	\$0.0k	\$35.7k
8/2/2007	Yes	Clapp	Sidewalk	Poor	1650	"	Replace	2	\$292.0k	\$0.0k	\$27.2k
8/2/2007	Yes	Prospect (W)	Curb	Poor	1050	"	Replace	2	\$185.9k	\$22.1k	\$0.0k
8/2/2007	Yes	Upper Henry	Curb	Poor	300	"	Replace	2	\$53.1k	\$6.3k	\$0.0k
8/2/2007	Yes	Elm (W)	N/A	Poor	400	"	Good	2	\$70.8k	\$0.0k	\$0.0k
8/2/2007	Yes	S. Ave.	Sidewalk	N/A	3000	"	Good	2	\$0.0k	\$0.0k	\$51.0k
8/2/2007	Yes	Carmine	Good	Average	450	"	Replace	2	\$0.0k	\$0.0k	\$0.0k
8/2/2007	Yes	Elm Ext	N/A	Poor	300	"	Good	2	\$79.7k	\$0.0k	\$0.0k
8/2/2007	Yes	Creekview	Good	Good	300	"	Good	2	\$0.0k	\$0.0k	\$0.0k
8/2/2007	Yes	Lower Henry	Sidewalk	Average	400	"	Replace	2	\$6.8k	\$0.0k	\$0.0k
8/2/2007	Yes	Satterlee	Curb	Average	400	"	Replace	2	\$0.0k	\$8.4k	\$0.0k
8/2/2007	Yes	Andrews	Curb	Poor	300	"	Replace	2	\$53.1k	\$6.3k	\$0.0k
					17630				\$1,179.3k	\$116.9k	\$251.6k

2.59 Mi.

3.33 w/ S. Ave.& E.Main

									<i>\$ Street</i>	<i>\$ Curb</i>	<i>\$ Sidewalk</i>
8/15/2007	Yes	Reserve Pl.	Sidewalk 50%	Poor	375	See notes.	Replace	3	\$66.4k	\$0.0k	\$5.1k
8/15/2007	Yes	Spring	Both	Poor	1350	"	Partial	3	\$119.5k	\$14.2k	\$22.9k
8/15/2007	Yes	High	Sidewalk 50%	Poor	1625	"	Partial	3	\$141.6k	\$0.0k	\$13.6k
8/15/2007	Yes	Mill	Sidewalk 50%	Avg	1200	"	Replace	3	\$0.0k	\$0.0k	\$20.4k
8/15/2007	Yes	Pelham	Curb Sidewalk	Poor	300	"	Replace	3	\$53.1k	\$6.3k	\$5.1k
8/15/2007	Yes	Park Ave	Curb Sidewalk	Avg	380	"	Replace	3	\$0.0k	\$4.0k	\$6.5k
8/15/2007	Yes	Park St	Curbs	Avg	600	"	Replace	3	\$0.0k	\$6.3k	\$0.0k
8/15/2007	Yes	North Mesier	Sidewalk 50%	Poor	2400	"	Partial	3	\$699.0k	\$0.0k	\$40.8k
8/15/2007	Yes	Trabuco	no curb side	Avg	450	"	Replace	3	\$0.0k	\$0.0k	\$0.0k
8/15/2007	Yes	Liss	no curb side	Avg	1800	"	Replace	3	\$0.0k	\$0.0k	\$0.0k
8/15/2007	Yes	Brookside	no curb side	Avg	450	"	Replace	3	\$0.0k	\$0.0k	\$0.0k
8/15/2007	Yes	Walnut	no curb side	Avg	300	"	Replace	3	\$0.0k	\$0.0k	\$0.0k
8/15/2007	Yes	Veterans	no curb side	Avg	400	"	Replace	3	\$0.0k	\$0.0k	\$0.0k
8/15/2007	Yes	North Remser	Sidewalk 50%	Poor	1100	"	Replace	3	\$194.7k	\$0.0k	\$17.0k
8/15/2007	Yes	E. Main	Sidewalk 50%	Ang	1050	"	Partial	3	\$0.0k	\$17.0k	\$0.0k
8/15/2007	Yes	S.Remsen	Sidewalk 50%	Poor	2550	"	Partial	3	\$451.4k	\$0.0k	\$40.8k
8/15/2007	Yes	Prospect	Sidewalk 50%	Avg	750	"	Replace	3	\$0.0k	\$0.0k	\$11.9k
8/15/2007	Yes	E.Academy	Sidewalk 50%	Avg	750	"	Replace	3	\$0.0k	\$0.0k	\$11.9k
8/15/2007	Yes	Elm	Curb Sidewalk	Poor	1200	"	Replace	3	\$212.4k	\$12.6k	\$20.4k
8/15/2007	Yes	N. Gilmore	Good	Good	600	"	Replace	3	\$0.0k	\$0.0k	\$0.0k
8/15/2007	Yes	Oak Park Ter	Good	Good	300	"	Good	3	\$0.0k	\$0.0k	\$0.0k

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8/15/2007	Yes	S. Gilmore	Good	Good	600	"	Good	3	\$0.0k	\$0.0k	\$0.0k
8/15/2007	Yes	Paggi	Good	Good	700	"	Good	3	\$0.0k	\$0.0k	\$0.0k
8/15/2007	Yes	Veatch	Curb Sidewalk	Avg	450	"	Good	3	\$0.0k	\$4.7k	\$6.8k
8/15/2007	Yes	Goring	Avg	Poor	300	"	Replace	3	\$53.1k	\$0.0k	\$0.0k
8/15/2007	Yes	Maple	Avg	Avg	1300	"	Replace	3	\$0.0k	\$0.0k	\$0.0k
8/15/2007	Yes	Ingall	Poor	Poor	150	"	Good	3	\$26.6k	\$3.2k	\$5.1k
8/15/2007	Yes	Adams	Poor	Poor	400	"	Replace	3	\$70.8k	\$4.2k	\$6.8k
8/15/2007	Yes	S.Mesier	Avg	Avg	2400	"	Replace	3	\$0.0k	\$0.0k	\$0.0k
8/15/2007	Yes	Moran	Avg	Avg	300	"	Replace	3	\$0.0k	\$0.0k	\$0.0k
9/18/2008	Yes	Wenliss	Poor	Avg	1000	"	Replace	3	\$0.0k	\$21.0k	\$18.0k
9/18/2008	Yes	Stuart	Poor	Avg	600	"	Replace	3	\$0.0k	\$12.6k	\$10.8k
					28130				\$2,088.6k	\$106.1k	\$263.9k
					5.02 Mi						

Water notes: Approximately 6.0 Mi. of asbestos cement lines still remain Circa 1914.
Many streets also have cast iron pipes.

Sewer notes: Highway Superintendent Marshall said to determine replacement or not would depend on exploring the system using camera results. Known problem areas are South Avenue, Carmine Drive, Mill Street and Liss Road.

Street notes: Poor = needs replacement , Average = O.K. for now, Good = redone within last 5 years.
Distance calculation determined using a map created for us by DC Department of Planning and Development dated 6/14/2007. Data sources Parcel- DC Real Property Tax Service 3/2007. Roads- DC Real Property Tax Service dated 2004.

Replacement cost: Refer to letter dated 10/30/07 from Paggi, Martin & Del Bene RE: Cost estimate for infrastructure replacement.

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