



Department of Public Works  
Infrastructure Services Division

Mariano A. Schifalacqua  
Commissioner of Public Works  
James P. Purko  
Deputy Commissioner of Public Works  
Jeffrey S. Polenske  
City Engineer

September 26, 2001

FILE NUMBER 010765

To the Public Improvements Committee

Subject: Common Council File Number 000974

Dear Honorable Members:

On November 10, 2000, the Common Council adopted File Number 000974 setting forth minimum recovery ratios for special assessments. The resolution further directed that the assessment rates be adjusted as necessary to conform with those ratios.

In compliance with the council directive, we will implement new special assessment rates upon acceptance of this filed. Attached are the following five exhibits:

Exhibits "A" and "B" - Charts listing major assessable construction items, date of the last rate change, projected costs, current and proposed special assessment rates.

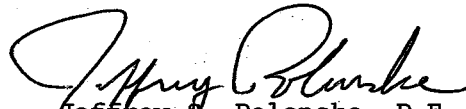
Exhibit "C" - A chart indicating the affects of the proposed rate change against a typical lot for several types of improvements.

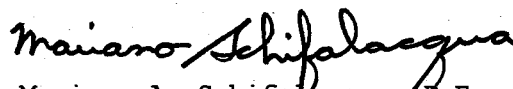
Exhibits "D" and "E" - Charts listing a 30-year history for various types of improvements, their rates and the proposed special assessment rates for 2002.

Exhibit "F" - Chart showing the previous history for assessment rates under the Area Sidewalk replacement program.

We will be pleased to meet with the committee and answer questions concerning the rate changes.

Very truly yours,

  
Jeffrey S. Polenske, P.E.  
City Engineer

  
Mariano A. Schifalacqua, P.E.  
Commissioner of Public Works

MLD:lmh  
ccc  
Attachments

cc: Ms. Carrie Lewis  
841 North Broadway, Room 620, Milwaukee, Wisconsin 53202  
Phone (414) 286-2400, Fax (414) 286-5994, TDD (414) 286-2025

2002 ANALYSIS - EXHIBIT A  
 IMPROVEMENT COSTS AND ASSESSMENT RATES  
 RESURFACE/RECONSTRUCTION PROGRAM

October 1, 2001

Type of Improvement	Rate \$/Unit	Date of Last Change	Cost Per Unit at Last Change	1999 Cost Per Unit	2000 Cost Per Unit	2001 Cost Per Unit	3 Year Average Cost	Current Assessment Rate	Recommended Assessment Rate	Percent Change
		(Note 1)				(Note 2)		(Note 3)	(Note 3)	
7" Conc 34'	\$/ft	Nov. 2000 (+)	47.47	54.26	47.47	54.00	51.91	42.60 50.00	47.60 55.00	12 10
8" Conc 36'	\$/ft	Nov. 2000 (+)	53.66	66.36	53.66		60.01	43.20 55.00	48.20 60.00	12 9
Asphalt 34'	\$/ft	Nov. 2000 (+)	22.10	19.99	22.10		21.05	19.00 22.10	25.00 27.10	32 23
4.5"Asph/6" Base 34'	\$/ft	Nov. 2000 (+)	40.25	39.23	40.25	40.22	35.91	34.00 40.00	39.00 45.00	15 13
2" Res. Overlay 34'	\$/ft	Nov. 2000 (+)	13.78	14.21	13.78		14.00	12.00 14.00	17.00 19.00	42 36
2 1/2" Art. Overlay 34'	\$/ft	Nov. 2000 (+)						12.00 15.00	17.00 20.00	42 33
Curb & Gutter ft.	\$/ft	Nov. 2000 (+)	16.81	15.63	16.81	15.60	16.01	16.50 16.50	16.50 16.50	0 0
Sod & Topsoil sq. yds.	\$/sy	Nov. 2000 (+)	8.52	6.62	8.52	7.52	7.55	8.00 8.00	8.00 8.00	0 0
Sidewalk 5 ft wide	\$/ft	Nov. 2000 (+)	17.31	18.40	17.31	16.40	17.37	17.50 17.50	17.50 17.50	0 0
7" Driveway sq. ft.	\$/sq. ft.	Nov. 2000 (+)	4.11	4.39	4.11	3.63	4.04	4.00 4.00	4.00 4.00	0 0
Conc. Alley 20'	\$/ft	Nov. 2000 (+)	49.76	48.47	49.76	58.40	52.21	44.00 50.00	55.00 60.00	25 20
Asph. Alley 20'	\$/ft	Nov. 2000 (+)						16.00 18.00	21.00 23.00	31 28

- NOTES:
1. Rate change symbol: (+) Rate increase, (-) Rate decrease
  2. The figure represents those costs used for assessments; including construction, grading, engineering, drainage and indirect costs.
  3. The top figure is the rate for one or two family dwellings and vacant "E" or "F" residential zoned lands.  
The bottom figure is for all remaining categories of property.

Blank areas mean no current information is available.

2002 ANALYSIS - EXHIBIT B  
IMPROVEMENT COSTS AND ASSESSMENT RATES  
NEW CONSTRUCTION

October 1, 2001

Type of Improvement	Rate \$/Unit	Date of Last Change	Cost Per Unit at Last Change	1999 Cost Per Unit	2000 Cost Per Unit	2001 Cost Per Unit	3 Year Average Cost	Current Assessment Rate	Recommended Assessment Rate	Percent Change
7" Conc 34'	\$/ft	Nov. 2000 (+)	n/a			(Note 2)		(Note 3) 42.40	(Note 3) 47.40	12
8" Conc 36'	\$/ft	Nov. 2000 (+)	66.52	42.38	66.52	69.94	59.61	42.40	47.40	12
Asphalt 34'	\$/ft	Nov. 2000 (+)	54.29		54.29		54.29	48.80	53.80	10
Curb & Gutter ft.	\$/ft	Nov. 2000 (+)	13.35	12.11	13.35	13.11	12.86	34.50	39.50	14
Sod & Topsoil sq. yds.	\$/ft	Nov. 2000 (+)	8.52	6.62	8.52	7.52	7.55	39.00	44.00	13
Sidewalk 5' wide	\$/ft	Nov. 2000 (+)	14.49	14.1	14.49	16.40	15.00	11.50	12.50	9
Asph Rural X-Sect 24'	\$/ft	Nov. 2000 (-)	38.32		38.32			11.50	12.50	9
Sanitary Sewer ft.	\$/ft	Nov. 2000 (+)	65.00	55.16	65		7.55	5.85	7.50	28
Suburban San Sew ft.	\$/ft	Nov. 2000 (+)	55.16	55.16	65		7.55	5.85	7.50	28
Storm Sewer ft.	\$/ft	Nov. 2000 (+)	61.61	61.61	76.36		15.00	13.25	13.25	0
Suburban Stm Sew ft.	\$/ft	Nov. 2000 (+)	61.61	61.61	76.36		15.00	13.25	13.25	0
Water ft.	\$/ft	Nov. 2000 (+)	47.10	47.1	72.23		38.32	21.00	21.00	0
Suburban Water ft.	\$/ft	Nov. 2000 (+)	85.54	87.73	85.54		38.32	24.00	24.00	0
							54.07	45.50	45.50	0
							60.08	50.00	50.00	0
							48.29	60.00	60.00	0
							68.99	45.50	45.50	0
							53.70	50.00	50.00	0
							86.64	85.00	85.00	0
								85.00	85.00	0

- NOTES:**
1. Rate change symbol: (+) Rate increase, (-) Rate decrease
  2. The figure represents those costs used for assessments; including construction, grading, engineering, drainage and indirect costs.
  3. The top figure is the rate for one or two family dwellings and vacant "E" or "F" residential zoned lands.  
The bottom figure is for all remaining categories of property.

Blank areas mean no current information is available.

**EXHIBIT C**  
**(2002 PROGRAM)**  
**EFFECTS OF PROPOSED ASSESSMENT RATES**  
 (Typical Projects)  
 October 1, 2001

I. Reconstruction/Resurfacing Projects (40' Lot)

TYPICAL PROJECT	2001	2002
7" Concrete Pavement, Curb and Gutter, Sidewalk and Sod.	\$3,330	\$ 3,530
Asphalt pavement, partial Curb and Gutter, Sidewalk and Sod.	\$1,515	\$ 1,755
Asphalt Overlay	\$ 480	\$ 680
Concrete Alley Pavement.	\$1,760	\$ 2,200
Asphalt Alley Pavement.	\$ 640	\$ 840

II. Area Sidewalk Project (40' Lot)

TYPICAL PROJECT	2001	2002
Walk (100%)	\$900	\$900
Walk (60%) and driveway	\$840	\$840

III. Assessable New Construction (50' Lot)

TYPICAL PROJECTS	2001	2002
8" Concrete Pavement, Curb and Gutter, and Sidewalk.	\$3,360	\$3,660
Storm and Sanitary Sewers.	\$4,550	\$4,550
Water Main.	\$2,275	\$2,275
8" Concrete Pavement, Curb and Gutter, Sidewalk, Storm Sewer, Sanitary Sewer and Water Main.	\$10,185	\$10,485

**EXHIBIT D  
HISTORIC REVIEW**

**SPECIAL ASSESSMENT RATES  
(Reconstruction/Resurfacing)  
(Dollars per foot of Assessable Frontage - Residential)**

Year	7" Conc Pvmt	8" Conc Pvmt	Asphalt On Conc	4.5"Asph/6" Base	2" Overlay	2 1/2" Overlay	Curb & Gutter	Sod	Walk 5' Wide	20' Conc Alley	20' Asph Alley
1973	6.00	7.00	3.50	---	---	---	2.25	1.50	2.50	9.00	4.50
1974	6.00	7.00	3.50	---	---	---	2.25	1.50	2.50	9.00	4.50
1975	6.00	7.00	3.50	---	---	---	2.25	1.50	2.50	9.00	4.50
1976	6.00	7.00	3.50	---	---	---	2.25	1.50	2.50	9.00	4.50
1977	8.50	10.00	5.00	---	---	---	2.75	1.75	3.50	11.00	4.50
1978	8.50	10.00	5.00	---	---	---	2.75	1.75	3.50	11.00	4.50
1979	10.00	12.00	5.00	---	---	---	3.00	2.25	4.00	13.00	4.50
1980	13.00	15.00	5.00	---	---	---	4.00	2.25	5.00	15.50	5.50
1981	13.00	15.00	6.00	---	---	---	4.50	2.00	5.50	16.00	5.50
1982	13.00	15.00	6.00	---	---	---	4.50	2.00	5.00	17.00	6.00
1983	13.00	15.00	6.00	---	---	---	4.50	2.00	5.00	17.00	6.00
1984	13.00	15.00	6.00	---	---	---	4.25	1.75	5.00	16.50	5.50
1985	13.50	15.00	6.00	---	---	---	4.00	1.75	5.50	17.50	6.00
1986	13.00	15.00	5.50	---	2.75	2.90	4.25	1.75	6.00	17.50	5.50
1987	14.50	17.00	6.50	---	2.75	2.90	4.50	1.75	6.50	20.00	5.25
1988	15.00	17.00	6.00	---	2.85	3.00	4.50	2.00	6.50	18.00	5.25
1989	15.00	17.00	6.00	---	3.10	3.30	4.50	2.00	6.50	18.00	5.25
1990	15.00	17.00	7.00	---	4.00	4.50	4.50	2.50	6.50	18.00	6.00
1991	15.20	18.80	8.15	---	4.35	5.00	4.60	2.50	6.75	22.00	6.00
1992	16.25	18.50	7.00	---	4.35	4.60	5.00	2.65	7.00	22.00	7.50
1993	16.25	18.50	7.00	---	4.35	4.00	5.00	2.65	7.00	20.00	8.65
1994	16.50	18.25	6.50	---	4.60	4.60	5.50	2.85	7.25	21.50	8.00
1995	17.00	18.50	6.75	---	4.60	4.60	5.50	2.70	7.25	22.00	8.65
1996	17.00	19.00	6.75	---	5.00	5.00	5.50	2.70	7.25	22.50	8.65
1997	18.00	19.00	7.60	13.85	5.60	5.60	5.80	2.70	7.75	24.75	8.65
1998	18.75	19.75	7.90	14.50	5.95	5.95	6.00	2.80	8.00	26.00	8.65
1999	19.90	21.00	8.40	14.50	6.30	6.30	6.40	3.00	8.25	27.50	8.00
2000	21.10	22.25	8.90	15.35	6.70	6.70	6.40	3.20	8.75	29.15	8.00
2001	42.60	43.20	19.00	34.00	12.00	12.00	16.50	8.00	17.50	44.00	16.00
*2002	47.60	48.20	25.00	39.00	17.00	17.00	16.50	8.00	17.50	55.00	21.00

\* - Proposed Rates

**EXHIBIT E  
HISTORIC REVIEW**

**SPECIAL ASSESSMENT RATES  
(New Work)**

(Dollars per foot of Assessable Frontage - Residential)

Year	7" Conc Pvmt	8" Conc Pvmt	Asphalt	Curb & Gutter	Walk 5' Wide	24'Asph w/Rural X-Sec	20'Conc Alley	Sanitary Sewer	Storm Sewer	Water Main
1973	11.00	13.50	11.00	4.00	3.50	5.75	9.00	7.00	5.00	7.28
1974	11.00	13.50	11.00	4.00	3.50	5.75	9.00	7.00	5.00	7.28
1975	11.00	13.50	11.00	4.00	3.50	6.75	9.00	7.00	5.00	7.28
1976	11.00	13.50	11.00	4.00	3.50	6.75	9.00	7.00	5.00	7.28
1977	15.00	17.00	13.00	5.00	5.00	5.00	11.00	10.00	7.00	13.46
1978	15.00	17.00	13.00	5.00	5.00	5.00	11.00	10.00	7.00	13.46
1979	20.00	22.00	16.00	5.25	6.00	5.00	13.00	12.00	8.00	16.00
1980	26.00	29.00	20.00	6.75	8.00	6.00	15.50	15.50	10.50	19.50
1981	26.00	29.00	23.00	6.50	8.00	6.00	16.00	16.50	11.00	20.50
1982	23.00	26.00	22.00	6.00	7.50	7.50	17.00	16.00	11.00	24.00
1983	23.00	26.00	22.00	6.00	7.50	7.50	17.00	16.00	11.00	24.00
1984	23.00	26.00	23.00	5.50	7.50	7.50	16.50	17.00	12.00	26.00
1985	25.00	29.00	23.00	7.50	8.00	7.50	17.50	19.00	14.00	30.00
1986	25.00	28.00	24.00	7.00	8.50	7.50	17.50	23.00	17.00	29.00
1987	27.00	31.00	23.00	7.00	11.00	7.00	20.00	21.00	17.00	31.00
1988	27.00	31.00	23.00	6.00	10.00	7.00	18.00	20.00	17.00	31.00
1989	27.00	31.00	23.00	6.00	10.00	7.00	18.00	22.00	19.00	31.00
1990	27.00	31.00	23.00	6.00	10.00	7.00	18.00	22.00	21.00	34.00
1991	29.00	31.00	23.00	6.50	10.75	7.00	22.00	24.00	23.00	40.00
1992	29.00	31.00	23.00	6.50	10.75	7.00	22.00	24.00	23.00	35.00
1993	29.00	31.00	23.00	6.50	10.75	7.00	20.00	24.00	23.00	35.00
1994	29.00	31.00	23.00	6.50	10.75	7.00	21.50	24.00	23.00	35.00
1995	29.00	31.00	23.00	6.50	10.75	7.00	22.00	24.00	23.00	35.00
1996	29.00	31.00	23.00	6.50	10.75	7.00	22.50	24.00	23.00	35.00
1997	31.00	31.00	23.00	7.50	11.75	7.00	24.75	25.50	23.00	35.00
1998	32.25	32.25	23.00	7.80	12.25	7.00	26.00	27.00	23.00	37.50
1999	37.75	37.75	23.00	9.15	12.25	7.00	27.50	29.00	24.00	37.50
2000	40.00	40.00	23.00	11.00	12.50	7.00	29.15	45.50	43.00	42.00
2001	42.40	42.40	34.50	11.50	13.25	21.00	44.00	45.50	45.50	45.50
*2002	47.40	47.40	39.50	12.50	13.25	21.00	55.00	45.50	45.50	45.50

\* - Proposed Rates

## 2002 ANALYSIS - EXHIBIT F

September 25, 2001

## AREA SIDEWALK PROGRAM

Type of Improvement	Rate \$/Unit	Date of Last Change Change	1999 Assessment Rate	2000 Assessment Rate	2001 Assessment Rate	Recommended Assessment Rate	Percent Change %
Walk Removal and replacement	\$/ft	Nov. 2000	3.40	3.60	4.50	4.50	0
Walk, New construction	\$/ft	Nov. 2000	5.25	5.50	7.00	7.00	0
Driveway Removal and replacement	\$/ft	Nov. 2000	3.70	3.90	5.00	5.00	0
Walk and driveway removal only	\$/ft	Nov. 2000	0.50	0.50	1.00	1.00	0
Curb and Gutter removal and replacement	\$/ft	Nov. 2000	27.00	27.00	35.00	35.00	0
Integral Curb with sidewalk	\$/ft	Nov. 2000	4.50	4.75	8.00	8.00	0

2002 ANALYSIS - EXHIBIT A  
IMPROVEMENT COSTS AND ASSESSMENT RATES  
RESURFACE/RECONSTRUCTION PROGRAM

October 1, 2001

Type of Improvement	Rate \$/Unit	Date of Last Change	Cost Per Unit at Last Change	1999 Cost Per Unit	2000 Cost Per Unit	2001 Cost Per Unit	3 Year Average Cost	Current Assessment Rate	Recommended Assessment Rate	Percent Change
7" Conc 34'	\$/ft	Nov. 2000 (+)	47.47	54.26	47.47	54.00	51.91	42.60	47.60	12
8" Conc 36'	\$/ft	Nov. 2000 (+)	53.66	66.36	53.66		60.01	43.20	55.00	10
Asphalt 34'	\$/ft	Nov. 2000 (+)	22.10	19.99	22.10		21.05	19.00	25.00	32
4.5" Asph/6" Base 34'	\$/ft	Nov. 2000 (+)	40.25	39.23	40.25	40.22	35.91	34.00	39.00	15
2" Res. Overlay 34'	\$/ft	Nov. 2000 (+)	13.78	14.21	13.78		14.00	12.00	17.00	42
2 1/2" Art. Overlay 34'	\$/ft	Nov. 2000 (+)						14.00	19.00	36
Curb & Gutter ft.	\$/ft	Nov. 2000 (+)	16.81	15.63	16.81	15.60	16.01	16.50	20.00	42
Sod & Topsoil sq. yds.	\$/sq. ft.	Nov. 2000 (+)	8.52	6.62	8.52	7.52	7.55	16.50	16.50	0
Sidewalk 5 ft wide	\$/sq. ft.	Nov. 2000 (+)	17.31	18.40	17.31	16.40	17.37	8.00	8.00	0
7" Driveway sq. ft.	\$/sq. ft.	Nov. 2000 (+)	4.11	4.39	4.11	3.63	4.04	17.50	17.50	0
Conc. Alley 20'	\$/ft	Nov. 2000 (+)	49.76	48.47	49.76	58.40	52.21	4.00	4.00	0
Asph. Alley 20'	\$/ft	Nov. 2000 (+)						44.00	55.00	25
								50.00	60.00	20
								16.00	21.00	31
								18.00	23.00	28

**NOTES:**

1. Rate change symbol: (+) Rate increase, (-) Rate decrease
2. The figure represents those costs used for assessments, including construction, grading, engineering, drainage and indirect costs.
3. The top figure is the rate for one or two family dwellings and vacant "E" or "F" residential zoned lands.  
The bottom figure is for all remaining categories of property.

Blank areas mean no current information is available.



2002 ANALYSIS - EXHIBIT B  
IMPROVEMENT COSTS AND ASSESSMENT RATES  
NEW CONSTRUCTION

October 1, 2001

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7" Conc 34'	\$/ft	Nov. 2000 (+)	n/a					(Note 3) 42.40	(Note 3) 47.40	12
8" Conc 36'	\$/ft	Nov. 2000 (+)	66.52	42.38	66.52	69.94	59.61	42.40	51.70	11
Asphalt 34'	\$/ft	Nov. 2000 (+)	54.29		54.29		54.29	48.80	47.40	12
Curb & Gutter ft.	\$/ft	Nov. 2000 (+)	13.35	12.11	13.35	13.11	12.86	34.50	39.50	14
Sod & Topsoil sq. yds.	\$/ft	Nov. 2000 (+)	8.52	6.62	8.52	7.52	7.55	39.00	44.00	13
Sidewalk 5' wide	\$/ft	Nov. 2000 (+)	14.49	14.1	14.49	16.40	15.00	11.50	12.50	9
Asph Rural X-Sect 24'	\$/ft	Nov. 2000 (-)	38.32		38.32		38.32	5.85	7.50	28
Sanitary Sewer ft.	\$/ft	Nov. 2000 (+)	65.00	55.16	65		54.07	5.85	7.50	28
Suburban San Sew ft.	\$/ft	Nov. 2000 (+)	55.16	55.16	65		60.08	13.25	13.25	0
Storm Sewer ft.	\$/ft	Nov. 2000 (+)	61.61	61.61	76.36		48.29	21.00	21.00	0
Suburban Stim Sew ft.	\$/ft	Nov. 2000 (+)	61.61	61.61	76.36		68.99	24.00	24.00	0
Water ft.	\$/ft	Nov. 2000 (+)	47.10	47.1	72.23		53.70	45.50	45.50	0
Suburban Water ft.	\$/ft	Nov. 2000 (+)	85.54	87.73	85.54		86.64	50.00	50.00	0

- NOTES:**
1. Rate change symbol: (+) Rate increase, (-) Rate decrease
  2. The figure represents those costs used for assessments; including construction, grading, engineering, drainage and indirect costs.
  3. The top figure is the rate for one or two family dwellings and vacant "E" or "F" residential zoned lands.  
The bottom figure is for all remaining categories of property.

Blank areas mean no current information is available.

**EXHIBIT C**  
**(2002 PROGRAM)**  
**EFFECTS OF PROPOSED ASSESSMENT RATES**  
(Typical Projects)  
October 1, 2001

I. Reconstruction/Resurfacing Projects (40' Lot)

TYPICAL PROJECT	2001	2002
7" Concrete Pavement, Curb and Gutter, Sidewalk and Sod.	\$3,330	\$ 3,530
Asphalt pavement, partial Curb and Gutter, Sidewalk and Sod.	\$1,515	\$ 1,755
Asphalt Overlay	\$ 480	\$ 680
Concrete Alley Pavement.	\$1,760	\$ 2,200
Asphalt Alley Pavement.	\$ 640	\$ 840

II. Area Sidewalk Project (40' Lot)

TYPICAL PROJECT	2001	2002
Walk (100%)	\$900	\$900
Walk (60%) and driveway	\$840	\$840

III. Assessable New Construction (50' Lot)

TYPICAL PROJECTS	2001	2002
8" Concrete Pavement, Curb and Gutter, and Sidewalk.	\$3,360	\$3,660
Storm and Sanitary Sewers.	\$4,550	\$4,550
Water Main.	\$2,275	\$2,275
8" Concrete Pavement, Curb and Gutter, Sidewalk, Storm Sewer, Sanitary Sewer and Water Main.	\$10,185	\$10,485

**EXHIBIT D  
HISTORIC REVIEW**

**SPECIAL ASSESSMENT RATES  
(Reconstruction/Resurfacing)  
(Dollars per foot of Assessable Frontage - Residential)**

Year	7" Conc Pvmt	8" Conc Pvmt	Asphalt On Conc	4.5" Asph/ 6" Base	2" Overlay	2 1/2" Overlay	Curb & Gutter	Sod	Walk 5' Wide	20' Conc Alley	20' Asph Alley
1973	6.00	7.00	3.50	---	---	---	2.25	1.50	2.50	9.00	4.50
1974	6.00	7.00	3.50	---	---	---	2.25	1.50	2.50	9.00	4.50
1975	6.00	7.00	3.50	---	---	---	2.25	1.50	2.50	9.00	4.50
1976	6.00	7.00	3.50	---	---	---	2.25	1.50	2.50	9.00	4.50
1977	8.50	10.00	5.00	---	---	---	2.75	1.75	3.50	11.00	4.50
1978	8.50	10.00	5.00	---	---	---	2.75	1.75	3.50	11.00	4.50
1979	10.00	12.00	5.00	---	---	---	3.00	2.25	4.00	13.00	4.50
1980	13.00	15.00	5.00	---	---	---	4.00	2.25	5.00	15.50	5.50
1981	13.00	15.00	6.00	---	---	---	4.50	2.00	5.50	16.00	5.50
1982	13.00	15.00	6.00	---	---	---	4.50	2.00	5.00	17.00	6.00
1983	13.00	15.00	6.00	---	---	---	4.50	2.00	5.00	17.00	6.00
1984	13.00	15.00	6.00	---	---	---	4.25	1.75	5.00	16.50	5.50
1985	13.50	15.00	6.00	---	---	---	4.00	1.75	5.50	17.50	6.00
1986	13.00	15.00	5.50	---	2.75	2.90	4.25	1.75	6.00	17.50	5.50
1987	14.50	17.00	6.50	---	2.75	2.90	4.50	1.75	6.50	20.00	5.25
1988	15.00	17.00	6.00	---	2.85	3.00	4.50	2.00	6.50	18.00	5.25
1989	15.00	17.00	6.00	---	3.10	3.30	4.50	2.00	6.50	18.00	5.25
1990	15.00	17.00	7.00	---	4.00	4.50	4.50	2.50	6.50	18.00	6.00
1991	15.20	18.80	8.15	---	4.35	5.00	4.60	2.50	6.75	22.00	6.00
1992	16.25	18.50	7.00	---	4.35	4.60	5.00	2.65	7.00	22.00	7.50
1993	16.25	18.50	7.00	---	4.35	4.00	5.00	2.65	7.00	20.00	8.65
1994	16.50	18.25	6.50	---	4.60	4.60	5.50	2.85	7.25	21.50	8.00
1995	17.00	18.50	6.75	---	4.60	4.60	5.50	2.70	7.25	22.00	8.65
1996	17.00	19.00	6.75	---	5.00	5.00	5.50	2.70	7.25	22.50	8.65
1997	18.00	19.00	7.60	13.85	5.60	5.60	5.80	2.70	7.75	24.75	8.65
1998	18.75	19.75	7.90	14.50	5.95	5.95	6.00	2.80	8.00	26.00	8.65
1999	19.90	21.00	8.40	14.50	6.30	6.30	6.40	3.00	8.25	27.50	8.00
2000	21.10	22.25	8.90	15.35	6.70	6.70	6.40	3.20	8.75	29.15	8.00
2001	42.60	43.20	19.00	34.00	12.00	12.00	16.50	8.00	17.50	44.00	16.00
*2002	47.60	48.20	25.00	39.00	17.00	17.00	16.50	8.00	17.50	55.00	21.00

\* - Proposed Rates

**EXHIBIT E  
HISTORIC REVIEW**

**SPECIAL ASSESSMENT RATES  
(New Work)**

(Dollars per foot of Assessable Frontage - Residential)

Year	7" Conc Fvmt	8" Conc Fvmt	Asphalt	Curb & Gutter	Walk 5' Wide	24'Asph w/Rural X-Sec	20'Conc Alley	Sanitary Sewer	Storm Sewer	Water Main
1973	11.00	13.50	11.00	4.00	3.50	5.75	9.00	7.00	5.00	7.28
1974	11.00	13.50	11.00	4.00	3.50	5.75	9.00	7.00	5.00	7.28
1975	11.00	13.50	11.00	4.00	3.50	6.75	9.00	7.00	5.00	7.28
1976	11.00	13.50	11.00	4.00	3.50	6.75	9.00	7.00	5.00	7.28
1977	15.00	17.00	13.00	5.00	5.00	5.00	11.00	10.00	7.00	13.46
1978	15.00	17.00	13.00	5.00	5.00	5.00	11.00	10.00	7.00	13.46
1979	20.00	22.00	16.00	5.25	6.00	5.00	13.00	12.00	8.00	16.00
1980	26.00	29.00	20.00	6.75	8.00	6.00	15.50	15.50	10.50	19.50
1981	26.00	29.00	23.00	6.50	8.00	6.00	16.00	16.50	11.00	20.50
1982	23.00	26.00	22.00	6.00	7.50	7.50	17.00	16.00	11.00	24.00
1983	23.00	26.00	22.00	6.00	7.50	7.50	17.00	16.00	11.00	24.00
1984	23.00	26.00	23.00	5.50	7.50	7.50	16.50	17.00	12.00	26.00
1985	25.00	29.00	23.00	7.50	8.00	7.50	17.50	19.00	14.00	30.00
1986	25.00	28.00	24.00	7.00	8.50	7.50	17.50	23.00	17.00	29.00
1987	27.00	31.00	23.00	7.00	11.00	7.00	20.00	21.00	17.00	31.00
1988	27.00	31.00	23.00	6.00	10.00	7.00	18.00	20.00	17.00	31.00
1989	27.00	31.00	23.00	6.00	10.00	7.00	18.00	22.00	19.00	31.00
1990	27.00	31.00	23.00	6.00	10.00	7.00	18.00	22.00	21.00	34.00
1991	29.00	31.00	23.00	6.50	10.75	7.00	22.00	24.00	23.00	40.00
1992	29.00	31.00	23.00	6.50	10.75	7.00	22.00	24.00	23.00	35.00
1993	29.00	31.00	23.00	6.50	10.75	7.00	20.00	24.00	23.00	35.00
1994	29.00	31.00	23.00	6.50	10.75	7.00	21.50	24.00	23.00	35.00
1995	29.00	31.00	23.00	6.50	10.75	7.00	22.00	24.00	23.00	35.00
1996	29.00	31.00	23.00	6.50	10.75	7.00	22.50	24.00	23.00	35.00
1997	31.00	31.00	23.00	7.50	11.75	7.00	24.75	25.50	23.00	35.00
1998	32.25	32.25	23.00	7.80	12.25	7.00	26.00	27.00	23.00	37.50
1999	37.75	37.75	23.00	9.15	12.25	7.00	27.50	29.00	24.00	37.50
2000	40.00	40.00	23.00	11.00	12.50	7.00	29.15	45.50	43.00	42.00
2001	42.40	42.40	34.50	11.50	13.25	21.00	44.00	45.50	45.50	45.50
*2002	47.40	47.40	39.50	12.50	13.25	21.00	55.00	45.50	45.50	45.50

\* - Proposed Rates