

*****ATTACHMENTS*****



2017 TRANSPORTATION INFRASTRUCTURE MANAGEMENT

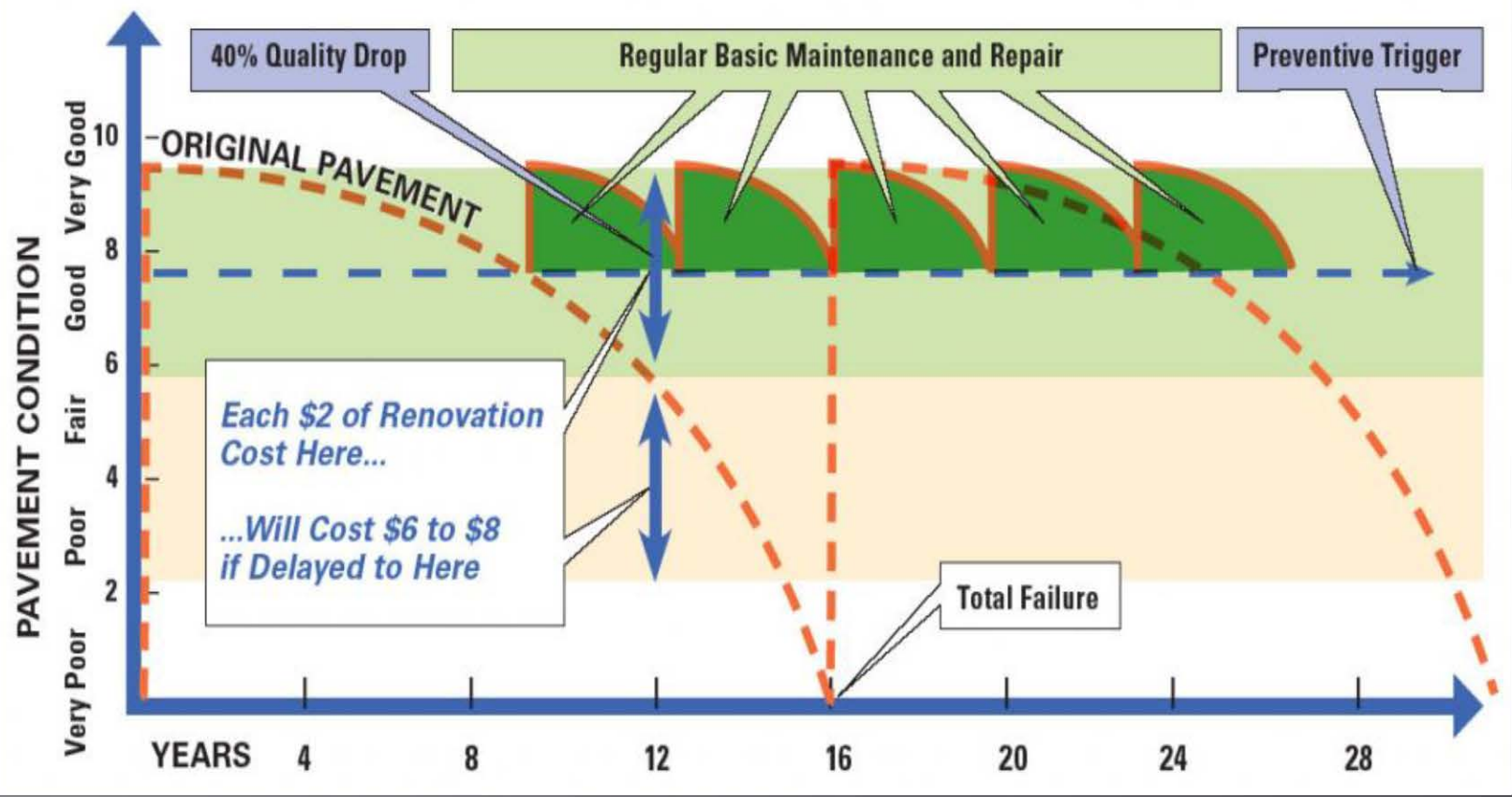
CITY OF SHEBOYGAN
DEPARTMENT OF PUBLIC WORKS

DAVID H. BIEBEL
DIRECTOR OF PUBLIC WORKS

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



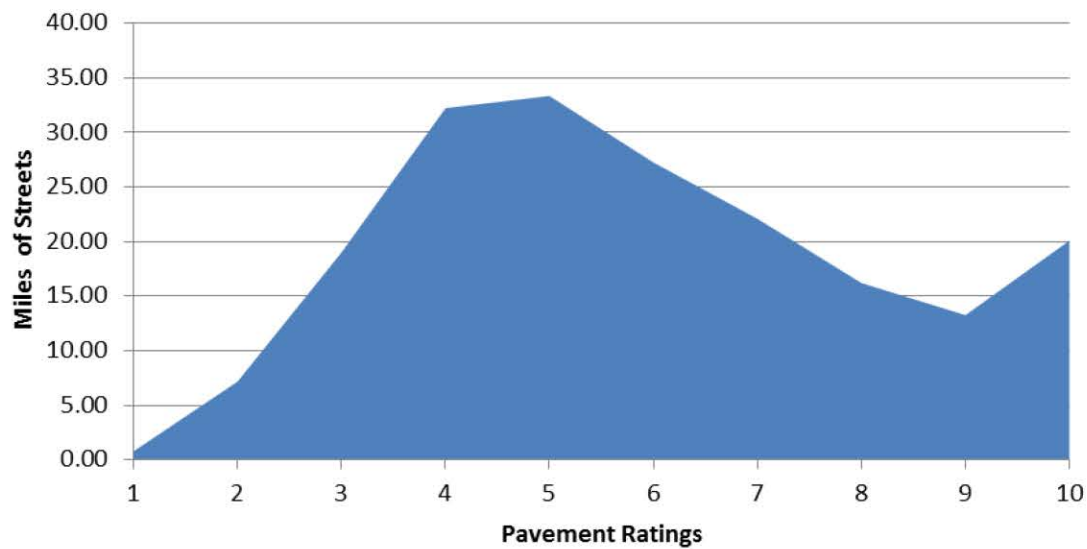
The Cost of "Timely" Maintenance



TRANSPORTATION INFRASTRUCTURE MANAGEMENT



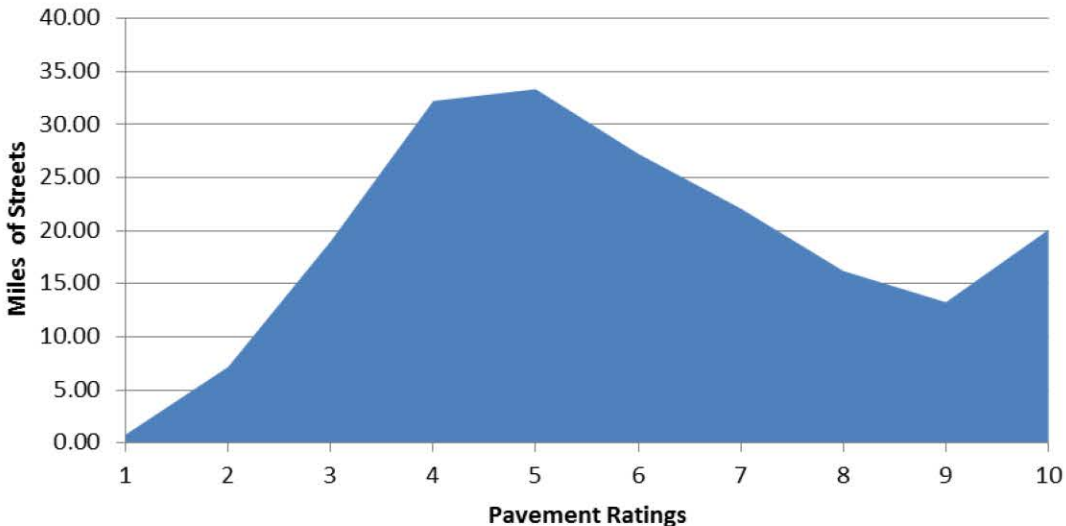
Miles of Pavement by Ratings 2015



TRANSPORTATION INFRASTRUCTURE MANAGEMENT



Miles of Pavement by Ratings 2015



TRANSPORTATION INFRASTRUCTURE MANAGEMENT



City of Sheboygan Pavement Ratings WISLR "Paser" Ratings: 2007

	Rating	Lineal Feet		Miles	Percent	Total Percent
Failed	1	792	792	0.15	0.078%	
	2	16,101	32,202	3.05	1.590%	
	3	29,879	89,637	5.66	2.950%	4.618%
Fair	4	104,202	416,808	19.74	10.288%	
	5	179,273	896,365	33.95	17.701%	
	6	165,308	991,848	31.31	16.322%	44.311%
	7	191,739	1,342,173	36.31	18.932%	
Good	8	124,280	994,240	23.54	12.271%	31.202%
	9	80,060	720,540	15.16	7.905%	
Excellent	10	<u>121,169</u>	1,211,690	<u>22.95</u>	11.964%	19.869%
		1,012,803	6,696,295	191.82	100%	
Average	6.611646					

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



City of Sheboygan Pavement Ratings WISLR "Paser" Ratings: 2013

	Rating	Lineal Feet		Miles	Percent	Total Percent
Failed	1	1,781	1,781	0.34	0.169%	
	2	19,487	38,974	3.69	1.853%	
	3	47,714	143,142	9.04	4.537%	6.560%
	4	138,030	552,120	26.14	13.125%	
Fair	5	237,598	1,187,990	45.00	22.594%	
	6	164,575	987,450	31.17	15.650%	51.369%
	7	159,758	1,118,306	30.26	15.192%	
Good	8	90,620	724,960	17.16	8.617%	23.809%
	9	98,246	884,214	18.61	9.342%	
Excellent	10	<u>93,810</u>	938,100	<u>17.77</u>	8.921%	18.263%
		1,051,619	6,577,037	199.17	100%	
Average	6.254201					

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



City of Sheboygan Pavement Ratings WISLR "Paser" Ratings: 2015

	Rating	Lineal Feet	Weighted	Miles	Percent	Total Percent
Failed	1	4,119	4,119	0.78	0.408%	
	2	37,848	75,696	7.17	3.745%	
	3	100,380	301,140	19.01	9.932%	14.084%
	4	170,183	680,732	32.23	16.839%	
Fair	5	176,049	880,245	33.34	17.419%	
	6	143,861	863,166	27.25	14.234%	48.492%
	7	116,625	816,375	22.09	11.539%	
Good	8	85,568	684,544	16.21	8.466%	20.006%
	9	69,997	629,973	13.26	6.926%	
Excellent	10	<u>106,044</u>	<u>1,060,440</u>	<u>20.08</u>	10.492%	17.418%
		1,010,674	5,996,430	191.42	100%	
Average	5.9331					

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



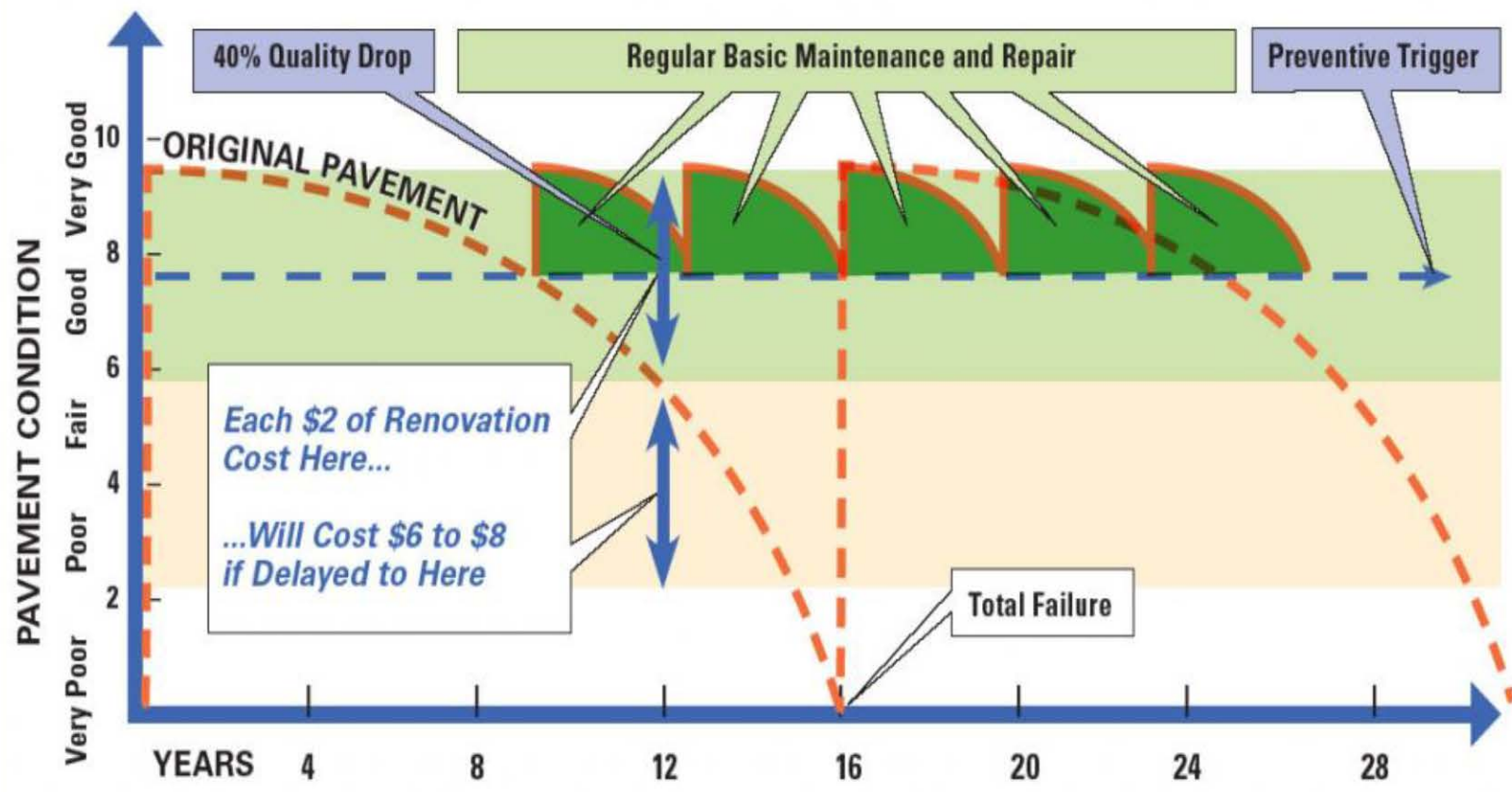
PAVEMENT CONDITION RATING PERCENTAGE CHANGE

Pavement Category	2007 Rating Percentage	2015 Rating Percentage	Percent Change
Failed	4.62%	14.08%	205.00%
Fair	44.31%	48.49%	9.44%
Good	31.20%	20.01%	-35.88%
Excellent	19.87%	17.42%	-12.34%

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



The Cost of "Timely" Maintenance



TRANSPORTATION INFRASTRUCTURE MANAGEMENT



PROJECT TYPE COST

Asphalt Road Seal: \$6.20/ft.

Chip Seal: \$8/ft.

Crack Filling: \$5.50/ft.

Remove and Replace Curb and Gutter: \$48/ft.

Concrete Panel Replacement: \$90/S.Y.

New Asphalt Over Concrete: \$30/ft. -City Crew

New Asphalt Over Concrete: \$52.50/ft. -Contractor

Mill and Fill Asphalt Street: \$75/ft. - Contractor

Mill and Fill Asphalt Street: \$42/ft. - Contractor Mill/City Crew Fill

Concrete Road Reconstruct: \$225./ft.

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



Crack Filling: \$5.50/ft.

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



Asphalt Road Seal: \$6.20/ft.

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



Asphalt

Chip Seal

Chip Seal: \$8.00/ft.



TRANSPORTATION INFRASTRUCTURE MANAGEMENT



Remove and Replace Curb and Gutter: \$48.00/ft.

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



Concrete Panel Replacement: \$90.00/S.Y.

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



New Asphalt Over Concrete: \$30/ft. -City Crew

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



New Asphalt Over Concrete: \$52.50/ft. -Contractor

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



Mill and Fill Asphalt Street:
\$75/ft. - Contractor



Mill and Fill Asphalt Street: \$42/ft. -
Contractor Mill/City Crew Fill

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



Concrete Road Reconstruct: \$225.00/ft.



TRANSPORTATION INFRASTRUCTURE MANAGEMENT

PROJECTS BY RATING	RATING										Totals
	1-2	3	4	5	6	7	8	9	10		
STREETS*											
Mill & Fill w/Curb & Gutter	\$ 3,129,475	\$ 6,074,271	\$ 7,921,064	\$ 6,094,966	\$ 1,305,462	\$ 110,695	\$ -	\$ -	\$ 197,090	\$ 24,833,023	
Concrete Road Reconstruction	2,933,550	9,120,825	-	-	-	-	-	-	-	12,054,375	
New Asphalt Over Concrete	-	6,806,435	8,232,548	5,699,916	-	-	-	-	274,313	21,013,212	
Asphalt Road Seal	-	-	-	49,302	263,643	230,838	73,005	38,291	-	655,079	
Crack Filing	-	-	-	-	333,502	261,498	384,984	583,236	80,591	1,643,811	
Total Streets	6,063,025	22,001,531	16,153,612	11,844,184	1,902,607	603,031	457,989	621,527	551,994	60,199,500	
BRIDGES*											
South Business Drive				600,000						600,000	
New Jersey Ave				175,000						175,000	
Eight St Bridge	687,849									687,849	
Pennsylvania Ave	55,880									55,880	
Total Bridges	743,729	-	-	775,000	-	-	-	-	-	1,518,729	
EQUIPMENT											
Asphalt Paving Machine	340,000									340,000	
Total Projects by Rating	\$ 7,146,754	\$ 22,001,531	\$ 16,153,612	\$ 12,619,184	\$ 1,902,607	\$ 603,031	\$ 457,989	\$ 621,527	\$ 551,994	\$ 62,058,229	
Total Accumulated Projects	\$ 7,146,754	\$ 29,148,285	\$ 45,301,897	\$ 57,921,081	\$ 59,823,688	\$ 60,426,719	\$ 60,884,708	\$ 61,506,235	\$ 62,058,229		

* Net City cost (does not include federal, state, and other municipal contributions)



TRANSPORTATION INFRASTRUCTURE MANAGEMENT

FUNDING SOURCES	YEAR							Total
	2017	2018	2019	2020	2021	2022	2023	
Funding								
Wheel Tax	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 5,600,000
Garbage User Fee	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	8,400,000
Special Assessments		250,000	500,000	500,000	500,000	500,000	500,000	2,750,000
County Sales Tax	400,000	400,000	400,000	400,000	400,000	400,000	400,000	2,800,000
Borrowing	<u>1,600,000</u>	<u>1,600,000</u>	<u>1,600,000</u>	<u>1,600,000</u>	<u>1,600,000</u>	<u>1,600,000</u>	<u>1,600,000</u>	<u>11,200,000</u>
TOTAL	<u>4,000,000</u>	<u>4,250,000</u>	<u>4,500,000</u>	<u>4,500,000</u>	<u>4,500,000</u>	<u>4,500,000</u>	<u>4,500,000</u>	<u>30,750,000</u>

Funding accumulated \$ 4,000,000 \$ 8,250,000 \$ 12,750,000 \$ 17,250,000 \$ 21,750,000 \$ 26,250,000 \$ 30,750,000

FUNDING SOURCES	YEAR							Total
	2024	2025	2026	2027	2028	2029	2030	
Funding								
Wheel Tax	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 5,600,000
Garbage User Fee	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	8,400,000
Special Assessments	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,500,000
County Sales Tax	-	-	-	-	-	-	-	-
Borrowing	<u>2,000,000</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>14,000,000</u>
TOTAL	<u>4,500,000</u>	<u>4,500,000</u>	<u>4,500,000</u>	<u>4,500,000</u>	<u>4,500,000</u>	<u>4,500,000</u>	<u>4,500,000</u>	<u>31,500,000</u>

Funding accumulated \$ 35,250,000 \$ 39,750,000 \$ 44,250,000 \$ 48,750,000 \$ 53,250,000 \$ 57,750,000 \$ 62,250,000 \$ 62,250,000

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



TAX LEVY 2015

GENERAL FUND	\$ 14,960,383
LIBRARY FUND	\$ 2,305,741
DEBT SERVICE FUND	\$ 2,886,889
TRANSIT UTILITY FUND	\$ 511,547
CAPITAL PROJECTS	<u>\$ 1,064,250</u>
TOTAL TAX LEVY	\$21,728,810
RATE PER THOUSAND	\$ 9.50
AVERAGE HOMEOWNER	\$ 950 (Based on \$ 100,000)

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



DEBT SCHEDULE

Year	Debt	Levy	Other	Over/(Short)
2017	\$ 4,437,613	\$ 2,886,889	\$ 1,550,724	\$ -
2018	4,155,423	2,886,889	1,268,534	-
2019	3,646,890	2,886,889	490,405	(269,596)
2020	3,892,265	2,886,889	490,405	(514,971)
2021	3,817,178	2,886,889	490,405	(439,884)
2022	3,765,355	2,886,889	490,405	(388,061)
2023	3,410,684	2,886,889	490,405	(33,390)
2024	3,492,741	2,886,889	490,405	(115,447)
2025	3,333,416	2,886,889	490,405	43,878
2026	3,138,361	2,886,889	490,405	238,933
2027	2,510,443	2,886,889	490,405	866,851
2028	2,057,240	2,886,889	-	829,649
2029	2,105,700	2,886,889	-	781,189
2030	2,152,960	2,886,889	-	733,929

Assumption:

\$ 1.6 Million of Debt per year @ 3%, 2017 through 2023

\$ 2 M of Debt per year @3%, 2023 through 2030

Tax Levy increase needed to cover shortfall, 2019 - 2024, \$0.22 per \$ 1,000

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



Total Cost	<u>\$62,058,229</u>
<hr/>	
<u>Funding Source</u>	
Wheel Tax	\$ 11,200,000
Garbage User Fee	\$ 16,800,000
Special Assessments	\$ 6,250,000
County Sales Tax	\$ 2,800,000
Borrowing	
\$ 1,600,000 per year, 2017 - 2023	\$ 11,200,000
\$ 2,000,000 per year, 2024 - 2030	<u>\$ 14,000,000</u>
<hr/>	
Total Borrowing	\$ 25,200,000
<u>Total Funding Sources</u>	<u>\$ 62,250,000</u>

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



Debt Service - Tax Rate Impact

Borrow:	Tax Rate	Impact	Average Homeowner
\$1,600,000 per year, 2017 - 2023	\$ 9.72	\$ 0.22	\$ 22.00
\$2,000,000 per year, 2024 - 2030			

TRANSPORTATION INFRASTRUCTURE MANAGEMENT



CITIZEN IMPACT

Total Cost 2017 – 2030

Sources

\$20 Wheel Tax (existing)

\$60 Garbage Fee (existing)

\$67 County Sales Tax *per Sheboygan Press article (website)
Approved by County Board 7/18/2016

\$22 Borrowing – Tax Rate: \$9.72 per \$1,000 valuation (proposed)

\$** **Special Assessments per individual property

\$169 Total

CITY OF SHEBOYGAN

REQUEST FOR COMMITTEE OF THE WHOLE CONSIDERATION

ITEM DESCRIPTION: Res. No. 11-16-17, A Resolution extending the special charge for residential garbage and refuse disposal services provided by the City

REPORT PREPARED BY: Darrell Hofland, City Administrator

REPORT DATE: July 20, 2016

MEETING DATE: June 25, 2016

FISCAL SUMMARY:

Budget Line Item: N/A
Budget Summary: N/A
Budgeted Expenditure: N/A
Budgeted Revenue: N/A

STATUTORY REFERENCE:

Wisconsin Statutes: N/A
Municipal Code: Res. 67-14-15

BACKGROUND / ANALYSIS:

Aldersperson Belanger has requested the Committee of the Whole consider the extension of the current special charge for residential garbage and refuse services (garbage user fee) provided by the City of Sheboygan, effective for January, 2017.

The City Council, originally approved the special charge in 2012 for \$7.16 per month; in subsequent years, the charge is \$5.00 per month.

The last action taken by the City Council on this matter was Resolution 67-14-15 in which the Council required a review of the special charge every two years with the first review to occur prior to the start of 2017.

In light of the City Council's linkage of the garbage user fee to funding for the annual street improvement program, Director of Public Works David Biebel has updated a report on City Street. (The last report was submitted for City Council consideration in October 2015.)

The garbage user fee, at \$5.00 per month per household, generates \$1,200,000 per year.

STAFF COMMENTS:

Attached is a copy of the 2017 Transportation Infrastructure Management Report. The report includes not only the street improvement program but also the bridge improvement program.

The 2015 City Streets report identified the street improvement program for the years 2017 – 2025. In order to reduce the annual cost of the recommended projects, the 2017 Transportation Management Report has increase the number of years to complete the same projects from nine years to 14 years. (The 14 years is approximately the same number of years that the City "guarantees" the condition of the street pavement.)

Major changes between the two reports are:

- 2017 report incorporates the newly approved County Sales Tax with an annual revenue amount of \$400,000
- Elimination of the street repair category - Hot & Place
- Increase in the total 14 year cost - \$14,855,437 (2015 - \$47,202,792; 2017 - \$62,058,229)
- Decrease in the pavement ratings from 6.254 in 2013 to 5.933 in 2015 – a 5 percent decline

Two additional street repair categories are included in the 2017 report: New Asphalt Over Concrete by City Crew and Mill and Fill Asphalt Street with Contractor Milling Asphalt and City Crew Filling Asphalt. These categories are a substitution for the Hot & Place category. These new repair categories have an advantage over the Hot & Place in the length of the pavement quality from 5 years to 15 years. The disadvantage is the cost: Hot & Place - \$31.10 per foot as compared to New Asphalt Over Concrete by City Crew and Mill - \$30.00 per foot and Fill Asphalt Street with Contractor Milling Asphalt and City Crew Filling Asphalt - \$42.00 per foot. (The last two repair categories do not include city crew labor and cost of \$350,000 paver machine.)

The report assumes the funding sources to include:

- \$11,200,000 – Wheel tax
- \$16,800,000 – Garbage user fee
- \$ 6,250,000 – Special assessments
- \$ 2,800,000 – County Sales Tax
- \$25,200,000 – Debt issuance
- \$62,250,000 Total

The assumptions include the County Sales Tax through 2023 as Sheboygan County will study the tax after seven years from when it is first enacted January 1, 2017. Debt issuance is based on borrowing \$1,600,000 per year 2017 through 2023 and \$2,000,000 per year 2024 – 2030 to maintain the same level of funding and reflect the potential reduction of County Sales Tax. The impact of the debt issuance on the average homeowner would be \$0.22 per \$1,000 of value or \$22 on a property valued at \$100,000.

The extension of the garbage fee is a critical component of the Transportation Infrastructure Management funding, a loss of \$11,200,000 over the 14 year period would increase the amount of debt issuance and utilize debt capacity (which may need to be available for other uses).

ACTION REQUESTED:

Motion to recommend the Common Council approve Resolution No. 11-16-17 A Resolution extending for two years the \$5.00 per household monthly special charge for residential garbage and refuse disposal services provided by the City.

ATTACHMENTS:

- I. 2017 Transportation Infrastructure Management Report
- II. Resolution No. 11-16-17

III

4.5

Res. No. 11 - 16 - 17. By Alderperson Belanger. May 16, 2016.

A RESOLUTION extending the special charge for residential garbage and refuse disposal services provided by the City.

WHEREAS: by way of Res. No. 128-11-12 adopted February 6, 2012, the Common Council ratified its action during 2012 budget process establishing a special charge for residential garbage and refuse disposal services of \$7.16 per month for 2012 and established the special charge at \$5.00 per month per household for 2013 and 2014, with said special charge to expire effective January 1, 2015; and

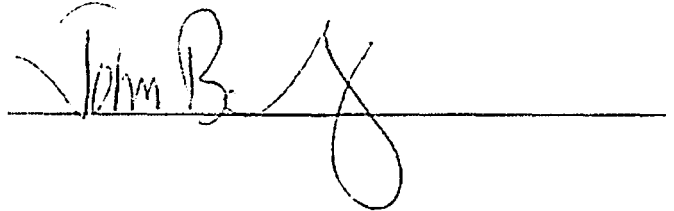
WHEREAS: by way of Res. 67-14-15 adopted October 6, 2014, the Common Council extended the special charge for residential garbage and refuse disposal services at \$5.00 per month per household with a provision to review the garbage fee every two years starting as of December 31, 2016.

NOW, THEREFORE, BE IT RESOLVED: That the Common Council hereby extends the special charge for residential garbage and refuse disposal services established in the amount of \$5.00 per month per household.

BE IT FURTHER RESOLVED: That the special garbage and refuse disposal charges extended in accordance with this resolution shall be a debt due to the City and if not paid within the time determined by the City, the charge shall be delinquent and become a lien upon the property. A late payment charge of three (3%) percent but not less than \$0.50 will be added to bills not paid within 20 days of issuance. This one-time three (3%) percent late payment charge will be applied only to any unpaid balance for the current billing period's charge. The household may be given a written notice that the bill is overdue no sooner than 20 days after the bill is issued.

C.O.W.

Thereafter, if payment is not received prior to November 15, the delinquent bill will be placed on the succeeding tax roll, for collection and settlement under Chapter 74, Wis. Stats. Change of ownership or occupancy of premises found delinquent shall not be cause for reducing or eliminating charges imposed hereunder.



I HEREBY CERTIFY that the foregoing Resolution was duly passed by the Common Council of the City of Sheboygan, Wisconsin, on the _____ day of _____, 20____.

Dated _____ 20____. _____, City Clerk

Approved _____ 20____. _____, Mayor