

CITY OF ST. ANN STREET CONDITION REPORT

April 24, 2017

Introduction

We implemented the use of the Novachip paving system into St. Ann’s 2016 Capital Improvement Program (CIP). We have been very satisfied with the performance of the Novachip product as well as its constructability. One of the chief advantages of Novachip versus Microsurfacing is that there is virtually no cure time allowing motorists to drive on the street immediately without fear of damage to either their vehicle or the new street surface. Microsurfacing can take up to four (4) hours to cure, depending on temperature and humidity. This four (4) hour cure time severely restricts traffic on the street.

The streets Novachipped in 2016 were the following:

- | | |
|-------------------------------------|-------------|
| St. Ambrose (from Ashby to St. Leo) | St. Bridget |
| San Jose | O’Hare |
| St. Bridget | St. Blaze |
| Morrow | We |

As in prior years we also examined the performance of all microsurfacing groups (grouped by years when they were microsurfaced) from 2012 – 2016 (see chart below). As in prior years, the performance of microsurfacing has exceeded expectations. In spite of this fact, there are a number of compelling reasons to justify transitioning St. Ann’s Pavement Preservation Program from Microsurfacing to Novachip as follows:

- There is minimal aggregate or stone loss with Novachip as compared to Microsurfacing.
- Novachip has a longer service live (up to 10 years) compared to Microsurfacing (5 years).
- Residents can drive on Novachip immediately rather than waiting for the Microsurfacing to cure.
- There is significantly reduced incidence of reflective cracking (Microsurfacing’s principal distress).

Micro year	Predicted PCI	Actual PCI	Difference
2012	70	79.0	+9.0
2013	75	77.2	+2.2
2014	80	81.3	+1.3
2015	85	No Micro completed this year	N/A
2016	90	90.0	-0-
		Average PCI gain	+3.1

When the Novachip ten year cycle is fully implemented we will eventually have 103 streets (out of 231 streets or 44.6% on a per street basis or 47.9% on an area basis) that will be Novachipped. As I indicated in last year's report the City has done a good job of leveraging their available capital funding to complete over \$3,300,000 in street and bridge work over the last eight years. This resulted in an average annual expenditure of approximately \$712,500 per year (of which the City only spent 20% or \$142,500). The remaining expenditures were paid for by the federal government through the Highway Bill in the amount of \$570,000 per year. It should be noted that in my first Street Condition Report in 2008 the City's overall average PCI was 57.8 and in 2016 the average PCI is 61.4 and increase of 3.6 points. On the next page of this report the Board will find the original funding options scenario chart that shows what happens to the City's overall PCI with five different funding scenarios (Safety Repairs only, \$400,000 per year, \$500,000 per year, \$1,000,000 per year and unlimited funding. As you can see by comparing St. Ann's PCI history over the last 5 years we have meet or exceeded the performance originally predicted by the MicroPAVER software program.

Long Term Approach

Due to our experience with Novachip this year we have been able to adjust our "toolbox" when considering various street repair options. In last year's report I stated that all streets over a PCI of 50 could be Novachipped. We now believe, based on field observations acquired during the 2016 construction season that we can push this cut off limit to a PCI of 45 when using Novachip. We will continually analyze the performance of the Novachip product in order to determine if adjustments can be made to maximize the greatest number of streets included in the Pavement Preservation Program These additional streets will only be considered for inclusion provided they have adequate pavement section and minimal alligator cracking. To that end we have contracted with St. Louis County Materials Testing to core all of St. Ann's streets to determine each streets pavement section and composition.

2016 Findings

2015's average PCI was 61.1. 2016's average PCI is 61.4 which represents an increase of 0.3 points over 2015. We continue to hold our own with St. Ann's streets. However, when you consider that the average default deterioration rate for a suburban community such as St. Ann is 2 - 3 points per year. This results in in an average service life; provided no maintenance is performed over the streets service life, of anywhere from 33 to 50 years. Accordingly, the City is actually 2.3 to 3.3 points ahead of the predicted deterioration rate for a minimally maintained pavement network. We anticipate continued improvement in the City's overall PCI score provided additional revenue is secured. Matt Conley has directed me to maintain a \$1,000,000 budget per year for capital improvements

Conclusion

St. Ann's greatest challenge involves the question of what happens to the City's streets when those streets are in too poor of condition to be included in the City's Pavement Preservation Program or are not eligible for Federal funding.

As the Aldermen are aware Matt Conley has been examining the challenge of capital funding for some time. It is my understanding that the City is considering a street repair bond issue. This type of new, additional funding is the only way the City can address the reconstruction needs of its most deteriorated streets.

I have attached a number of exhibits detailing street condition in the following PCI ranges:

PCI range	Number of streets
0 – 25	35
26 – 35	29
36 – 50	<u>20</u>
	<u>84 streets with a PCI below 50</u>

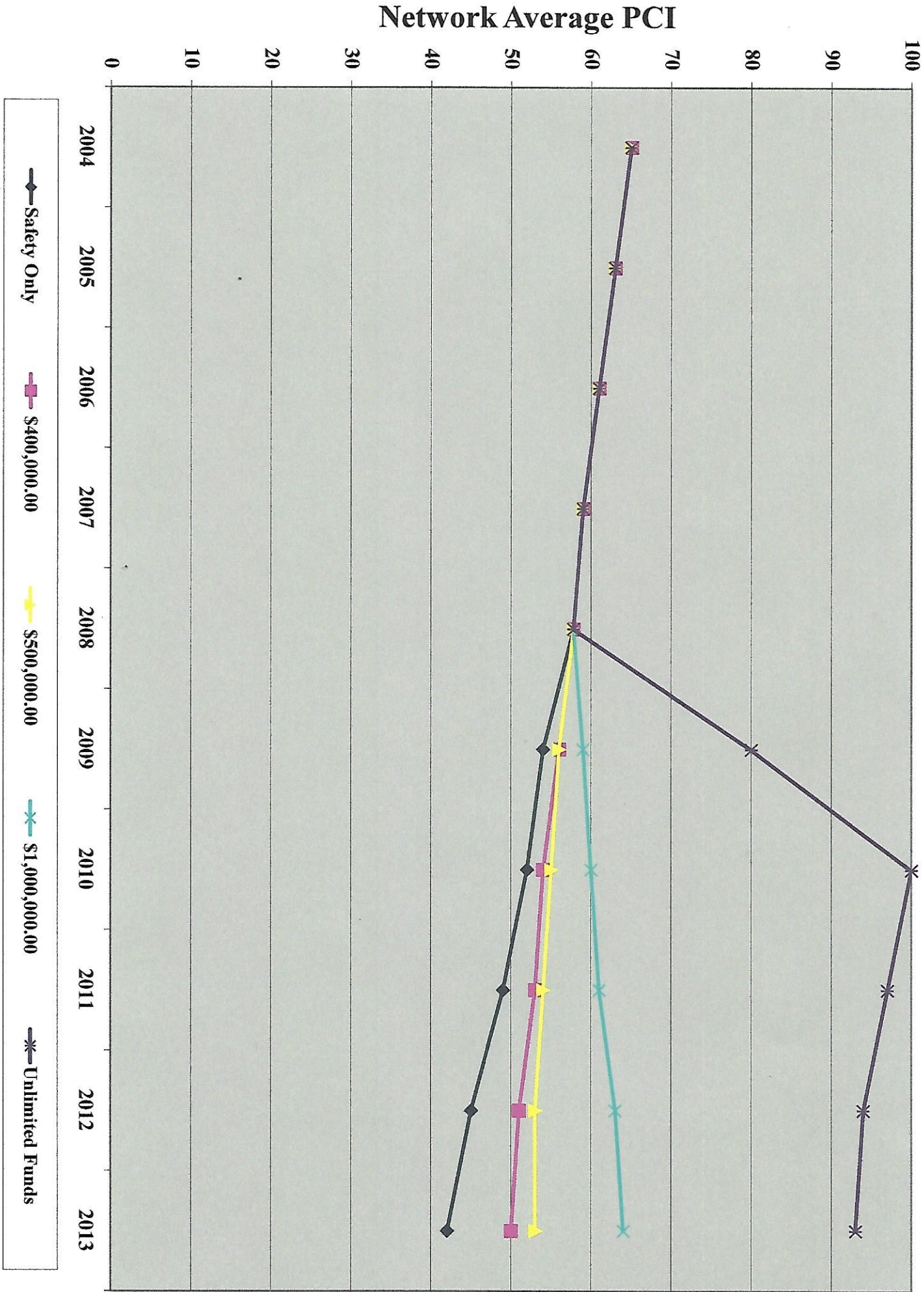
I have also attached a revised 2017 – 2020 Capital Improvement Program as well as updated PCI scores for each pavement section throughout the City.

Respectfully Submitted,
PAYKEN CONSULTING



Mark H. Payken, P.E.
President

PCI vs. Funding Scenarios



Pavement Ratings (All)

231 streets

Average PCI = 61.4

Pavement Database: St Ann 2017

NetworkId: St Ann MO

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
Abdo Dr.	001	5/18/1991	AAC	ROADWAY	T	0	8,060.00	8/31/2016	25	69
Adie Rd.	001	9/1/2015	AAC	ROADWAY	P	0	78,760.00	1/26/2016	1	100
AdieRd.	001	11/13/2015	AAC	ROADWAY	P	0	100,800.00	10/26/2017	2	97
AdieRd.	002	11/11/2015	AAC	ROADWAY	P	0	97,890.00	10/26/2017	2	95
Alley	001	9/1/1975	APC	ROADWAY	T	0	27,825.00	10/26/2017	42	6
Ashby Rd.	001	5/19/1993	APC	ROADWAY	S	0	85,860.00	8/31/2016	23	51
Ashby Rd.	002	11/16/1981	AAC	ROADWAY	S	0	97,200.00	8/31/2016	35	29
Ashby Rd.	001	12/31/1990	AAC	ROADWAY	P	0	64,750.00	9/7/2016	26	58
Ashby Rd.	002	6/30/1996	AAC	ROADWAY	P	0	33,000.00	9/7/2016	20	61
AshbyPIct	001	9/1/1975	AAC	ROADWAY	T	0	32,240.00	10/14/2017	42	68
AshbyRd.	001	7/7/1993	AAC	ROADWAY	P	0	203,280.00	9/26/2016	23	57
AshbyRd.	002	7/7/2002	PCC	ROADWAY	P	0	48,195.00	8/25/2016	14	81
Baltimore	001	9/1/2011	AAC	ROADWAY	S	0	39,675.00	11/2/2017	6	54
Bellecote	001	9/16/2012	AAC	ROADWAY	T	0	30,240.00	10/10/2017	5	76
Bernice Av	001	9/1/1975	ST	ROADWAY	T	0	19,872.00	10/15/2017	42	72
Bernice Av	002	9/1/1975	ST	ROADWAY	T	0	8,100.00	10/15/2017	42	87
Bernice Av	003	9/1/1975	ST	ROADWAY	T	0	6,750.00	10/15/2017	42	78
Boylston D	001	9/1/1975	APC	ROADWAY	T	0	31,980.00	10/10/2017	42	83
Boylston H	001	9/1/1975	APC	ROADWAY	T	0	8,320.00	10/10/2017	42	83
Breckridge	001	9/9/2015	AAC	ROADWAY	S	0	91,200.00	11/2/2017	2	99
Buder Ct.	001	12/24/1981	APC	ROADWAY	T	0	9,750.00	11/8/2017	36	16
CabanaClub	001	9/1/1975	PCC	ROADWAY	T	0	6,630.00	8/31/2016	41	14
Camshire D	001	5/18/1990	PCC	ROADWAY	T	0	24,310.00	8/31/2016	26	55
Carlow Pl	001	9/1/1975	APC	ROADWAY	T	0	19,000.00	10/14/2017	42	71
Caucer Ave	001	9/1/2008	AAC	ROADWAY	T	0	7,105.00	11/15/2017	9	74
Cavan Dr.	001	7/2/1991	APC	ROADWAY	T	0	20,956.00	10/14/2017	26	74
Cavan Dr.	002	12/31/1988	APC	ROADWAY	T	0	3,770.00	10/14/2017	29	72
Charles Pl	001	5/25/1982	AAC	ROADWAY	T	0	13,500.00	10/19/2017	35	24
Colin Ct.	001	6/28/1988	AAC	ROADWAY	T	0	5,130.00	10/7/2017	29	67
CommCtrD	001	9/15/2014	AAC	ROADWAY	T	0	28,830.00	10/26/2017	3	92
Constance	001	9/1/1975	APC	ROADWAY	T	0	29,900.00	8/25/2016	41	74
Country Ln	001	11/16/1983	APC	ROADWAY	S	0	9,360.00	8/31/2016	33	32

Crestshire	001	5/17/1989	APC	ROADWAY	T	0	16,200.00	8/31/2016	27	46
Dixie Dr	001	5/25/1983	AAC	ROADWAY	T	0	80,595.00	10/19/2017	34	23
Douglass D	001	5/17/1990	APC	ROADWAY	T	0	18,980.00	8/31/2016	26	19
Douglass D	002	9/1/1975	APC	ROADWAY	T	0	20,020.00	8/31/2016	41	13
Dundee Pl	001	9/16/2012	AAC	ROADWAY	T	0	22,880.00	10/19/2017	5	86
Eastridge	001	9/1/1975	AAC	ROADWAY	T	0	47,995.00	11/15/2017	42	67
Easy Ct.	001	11/21/1983	AAC	ROADWAY	T	0	4,100.00	10/20/2017	34	68
Easy St.	001	11/20/1989	AAC	ROADWAY	T	0	17,300.00	10/20/2017	28	74
Edgemont C	001	1/5/2008	AAC	ROADWAY	T	0	5,400.00	8/25/2016	8	80
El Gasser	001	12/25/1998	APC	ROADWAY	T	0	4,290.00	11/8/2017	19	71
Esseldale	001	11/20/2007	APC	ROADWAY	T	0	37,076.00	11/10/2017	10	68
Executive	001	5/21/1985	PCC	ROADWAY	T	0	6,370.00	11/10/2017	32	41
Fairway Ct	001	11/18/1982	AAC	ROADWAY	T	0	18,900.00	8/31/2016	34	12
Farview	001	12/1/1977	AAC	ROADWAY	T	0	57,915.00	10/10/2017	40	15
FarviewEst	001	6/2/1994	AC	ROADWAY	T	0	15,900.00	10/10/2017	23	41
Florence	001	11/21/1987	AAC	ROADWAY	T	0	22,599.00	10/15/2017	30	67
Florence	002	5/21/1988	AAC	ROADWAY	T	0	15,525.00	10/15/2017	29	74
Fox HallCt	001	9/1/1975	APC	ROADWAY	T	0	12,600.00	11/15/2017	42	19
Fulton Way	001	7/1/1977	APC	ROADWAY	T	0	8,600.00	10/14/2017	40	15
Galahad Dr	001	11/16/1996	PCC	ROADWAY	T	0	11,700.00	8/31/2016	20	67
Gayle St.	001	9/16/2012	AAC	ROADWAY	T	0	7,965.00	10/19/2017	5	92
Georgetown	001	9/1/1975	APC	ROADWAY	T	0	13,260.00	10/10/2017	42	76
Geraldine	001	7/28/2016	AAC	ROADWAY	S	0	127,344.00	11/15/2017	1	98
Geraldine	002	11/16/1979	AAC	ROADWAY	S	0	64,400.00	11/15/2017	38	31
Gertrude A	001	11/20/1985	AAC	ROADWAY	T	0	31,320.00	10/15/2017	32	76
GlenwoodCt	001	6/23/1983	APC	ROADWAY	T	0	17,420.00	11/2/2017	34	24
High Dr.	001	11/26/1979	AAC	ROADWAY	T	0	78,300.00	10/20/2017	38	34
Hobday Ave	001	9/1/1975	AAC	ROADWAY	S	0	66,285.00	10/13/2017	42	28
HoltwickAl	001	11/16/1986	AAC	ROADWAY	T	0	20,790.00	11/15/2017	31	36
Imperial G	001	5/25/1987	PCC	ROADWAY	T	0	20,300.00	10/16/2017	30	59

Industrial	001	7/29/2016	AAC	ROADWAY	T	0	17,520.00	10/9/2017	1	100
Intl Plaza	001	9/25/2013	PCC	ROADWAY	P	2	44,540.00	8/31/2016	3	94
Intl Plaza	002	9/16/2012	AAC	ROADWAY	S	0	42,140.00	8/31/2016	4	93
Intl Plaza	003	9/16/2012	AAC	ROADWAY	T	0	17,480.00	8/31/2016	4	90
Intl Plaza	004	9/16/2012	AAC	ROADWAY	S	0	38,570.00	8/31/2016	4	89
IsabelleC	001	9/1/1975	PCC	ROADWAY	T	0	9,620.00	11/10/2017	42	31
IsabelleCt	001	11/17/1978	AAC	ROADWAY	T	0	17,030.00	8/31/2016	38	9
Ivan Ave.	001	11/21/1996	AAC	ROADWAY	T	0	17,199.00	10/15/2017	21	80
Ivan Ave.	002	5/23/1999	AAC	ROADWAY	T	0	7,695.00	10/15/2017	18	82
Jane Ave.	001	9/1/1975	APC	ROADWAY	T	0	37,076.00	11/10/2017	42	12
Janice Ct.	001	12/25/1980	APC	ROADWAY	T	0	3,510.00	10/7/2017	37	22
Jeremiah C	001	5/18/1991	AAC	ROADWAY	T	0	11,570.00	8/31/2016	25	59
June Dr.	001	5/21/1989	AAC	ROADWAY	T	0	8,866.00	11/10/2017	28	9
June Dr.	002	9/3/2007	APC	ROADWAY	T	0	6,110.00	11/10/2017	10	72
Killdare C	001	9/1/1975	APC	ROADWAY	T	0	9,000.00	10/14/2017	42	73
Kingbee Pl	001	5/25/1977	AAC	ROADWAY	T	0	25,650.00	10/19/2017	40	34
Kodiak Dr.	001	5/21/1982	APC	ROADWAY	T	0	6,916.00	11/10/2017	35	14
Krem Ct.	001	6/25/1978	AAC	ROADWAY	T	0	3,380.00	11/8/2017	39	72
Krem Dr.	001	6/25/1983	AAC	ROADWAY	T	0	40,300.00	11/8/2017	34	73
Lansing Dr	001	12/31/1988	APC	ROADWAY	T	0	15,782.00	10/14/2017	29	78
Lansing Dr	002	9/1/1975	AAC	ROADWAY	T	0	25,298.00	10/14/2017	42	71
LaVista Ct	001	6/19/1988	AAC	ROADWAY	T	0	4,050.00	11/2/2017	29	61
LaVista Dr	001	9/1/1975	ST	ROADWAY	T	0	28,755.00	11/2/2017	42	70
Lee Ave.	001	9/1/1975	AAC	ROADWAY	T	0	26,460.00	10/19/2017	42	7
Liana Ln.	001	4/27/1982	PCC	ROADWAY	T	0	28,860.00	8/31/2016	34	39
Lil Flower	001	5/2/1990	APC	ROADWAY	T	0	16,926.00	10/9/2017	27	68
Link Ave.	001	9/1/2015	AAC	ROADWAY	P	0	56,980.00	1/26/2016	1	100
Litz Ave.	001	9/1/1975	AAC	ROADWAY	T	0	55,300.00	10/13/2017	42	18
Livingston	001	11/16/1982	AAC	ROADWAY	T	0	34,860.00	12/18/2017	35	23
Long Dr.	001	12/27/2008	AAC	ROADWAY	T	0	90,220.00	10/20/2017	9	78
LorraineAv	001	9/1/1975	AAC	ROADWAY	T	0	10,842.00	11/15/2017	42	15
Lucille Av	001	11/15/1989	AAC	ROADWAY	T	0	6,615.00	11/15/2017	28	72
Lynros Ct.	001	6/2/2017	AAC	ROADWAY	T	0	3,510.00	11/8/2017	0	100
Lynros Dr	001	6/2/2017	AAC	ROADWAY	T	0	27,560.00	11/8/2017	0	100

Marmary Ln	001	10/5/2013	AAC	ROADWAY	T	0	32,760.00	11/8/2017	4	98
MaryAnn Ct	001	9/16/2012	PCC	ROADWAY	T	0	8,397.00	10/7/2017	5	98
MaryJaneC	001	8/7/2012	PCC	ROADWAY	T	0	8,086.00	10/7/2017	5	92
Maxwell Pl	001	11/26/1986	AAC	ROADWAY	T	0	8,450.00	10/26/2017	31	36
Mercer Ct.	001	6/2/2017	AAC	ROADWAY	T	0	13,200.00	10/14/2017	0	100
Mert Rd.	001	6/13/1983	AAC	ROADWAY	S	0	59,670.00	10/14/2017	34	26
MillwoodLn	001	9/1/2010	PCC	ROADWAY	T	0	7,410.00	11/8/2017	7	98
MitchellCt	001	11/19/1977	AAC	ROADWAY	T	0	9,620.00	11/10/2017	40	19
Modesto Ln	001	9/1/1975	ST	ROADWAY	T	0	26,000.00	10/20/2017	42	61
Morrow Dr.	001	7/27/2016	AAC	ROADWAY	T	0	48,440.00	10/15/2017	1	100
O Hare Ave	001	7/27/2016	AAC	ROADWAY	T	0	27,270.00	11/2/2017	1	96
Oak Pointe	001	6/2/2007	PCC	ROADWAY	T	0	37,700.00	10/13/2017	10	73
OldStChas	001	11/24/1983	AAC	ROADWAY	T	0	62,752.00	10/16/2017	34	27
Orchard Av	001	11/21/1984	AAC	ROADWAY	T	0	29,295.00	10/15/2017	33	66
ParcChalet	001	9/1/1975	APC	ROADWAY	T	0	7,800.00	12/18/2017	42	64
Pear Tree	001	5/11/1990	PCC	ROADWAY	S	0	11,050.00	8/31/2016	26	51
Pear Tree	002	5/17/1989	APC	ROADWAY	S	0	23,140.00	8/31/2016	27	33
Pear Tree	003	11/15/1977	APC	ROADWAY	T	0	18,460.00	8/31/2016	39	20
PearlHarbr	001	6/23/1990	APC	ROADWAY	T	0	20,520.00	11/2/2017	27	77
Quebec Ct.	001	9/1/1975	ST	ROADWAY	T	0	13,390.00	10/20/2017	42	71
Ridgecrest	001	1/1/1983	APC	ROADWAY	T	0	41,860.00	10/14/2017	34	66
Ronald Dr.	001	6/23/1993	APC	ROADWAY	T	0	18,360.00	11/2/2017	24	84
San Carlos	001	6/19/1994	AAC	ROADWAY	T	0	26,520.00	10/2/2017	23	87
San Jose L	001	7/27/2016	AAC	ROADWAY	T	0	57,460.00	10/9/2017	1	100
Shamrock L	001	12/30/1988	AAC	ROADWAY	T	0	17,160.00	10/9/2017	29	68
Shamrock L	002	6/1/2017	AC	ROADWAY	T	0	15,080.00	10/9/2017	0	100
Sims Ave.	001	9/1/1975	ST	ROADWAY	T	0	37,960.00	11/10/2017	42	69
St Ambrose	001	5/1/1977	PCC	ROADWAY	T	0	4,160.00	8/29/2016	39	23
St Ambrose	002	7/27/2016	APC	ROADWAY	T	0	13,130.00	8/1/2016	0	100
St Anthony	001	12/26/1981	APC	ROADWAY	T	0	16,470.00	10/7/2017	36	20
St Barbara	001	10/26/1984	AAC	ROADWAY	S	0	12,501.00	10/26/2017	33	42
St Bernard	001	12/17/1992	APC	ROADWAY	T	0	33,800.00	8/16/2016	24	67
St Bridget	001	7/28/2016	APC	ROADWAY	T	0	39,650.00	8/1/2016	0	100
St Cecelia	001	4/27/1977	APC	ROADWAY	T	0	15,210.00	8/27/2016	39	11
St Clement	001	10/26/1983	APC	ROADWAY	T	0	28,600.00	8/27/2016	33	34
St Delores	001	7/6/1991	APC	ROADWAY	T	0	10,452.00	8/25/2016	25	71

St Dominic	001	10/25/1985	APC	ROADWAY	T	0	14,170.00	8/27/2016	31	28
St Dominic	002	10/26/1986	APC	ROADWAY	T	0	14,300.00	8/27/2016	30	41
St Francis	001	7/2/2005	AAC	ROADWAY	S	0	53,550.00	8/24/2016	11	65
St Gregory	001	12/27/1979	APC	ROADWAY	T	0	54,740.00	10/7/2017	38	25
St Gregory	002	5/7/1979	AAC	ROADWAY	S	0	14,000.00	12/18/2017	38	33
St Gregory	003	5/7/1977	APC	ROADWAY	S	0	5,775.00	12/18/2017	40	27
St Gregory	004	9/1/1975	APC	ROADWAY	T	0	6,860.00	11/10/2017	42	9
St Joachim	001	12/22/1984	AAC	ROADWAY	S	0	26,000.00	11/10/2017	33	42
St Leonard	001	4/26/1980	APC	ROADWAY	T	0	10,036.00	8/27/2016	36	15
St Matthew	001	7/5/1985	APC	ROADWAY	T	0	47,580.00	8/24/2016	31	46
St Matthew	002	7/4/1984	AAC	ROADWAY	T	0	30,940.00	8/24/2016	32	55
St Matthew	003	7/4/1984	APC	ROADWAY	T	0	4,160.00	8/24/2016	32	55
St Michael	001	12/18/1995	APC	ROADWAY	T	0	35,880.00	8/16/2016	21	80
St Raphael	001	4/30/1988	APC	ROADWAY	T	0	15,678.00	8/2/2016	28	70
St Richard	001	12/27/1982	AAC	ROADWAY	T	0	21,195.00	10/7/2017	35	31
St Timothy	001	4/30/1983	AAC	ROADWAY	T	0	8,937.00	10/25/2017	34	23
St. Agnes	001	9/1/1975	APC	ROADWAY	T	0	12,740.00	8/27/2016	41	83
St. Ann Ln	001	12/25/1991	APC	ROADWAY	T	0	36,660.00	11/8/2017	26	65
St. Arsene	001	12/23/1998	APC	ROADWAY	T	0	15,600.00	11/2/2017	19	88
St. Arthur	001	12/19/1986	AAC	ROADWAY	T	0	14,170.00	10/7/2017	31	61
St. Arthur	002	12/20/2012	APC	ROADWAY	T	0	18,340.00	10/7/2017	5	77
St. August	001	4/30/1990	APC	ROADWAY	T	0	6,075.00	10/25/2017	27	73
St. Blase	001	7/28/2016	APC	ROADWAY	T	0	3,978.00	8/1/2016	0	100
St. Blase	002	7/28/2016	APC	ROADWAY	T	0	24,050.00	8/1/2016	0	100
St. Clovis	001	1/5/1984	APC	ROADWAY	T	0	29,770.00	8/25/2016	32	55
St. Cosmos	001	6/17/1984	APC	ROADWAY	T	0	27,950.00	8/16/2016	32	59
St. Damian	001	10/25/1977	APC	ROADWAY	S	0	33,150.00	8/27/2016	39	24
St. Daniel	001	12/23/1998	APC	ROADWAY	T	0	15,990.00	11/2/2017	19	69
St. David	001	9/1/2010	APC	ROADWAY	T	0	8,450.00	11/2/2017	7	89
St. Dennis	001	9/1/2010	APC	ROADWAY	T	0	19,370.00	11/2/2017	7	82
St. Dismas	001	1/4/1994	APC	ROADWAY	T	0	3,380.00	8/25/2016	22	77
St. Donald	001	9/1/1975	APC	ROADWAY	T	0	18,070.00	8/27/2016	41	60
St. Edmund	001	6/18/1983	APC	ROADWAY	T	0	28,730.00	8/16/2016	33	61
St. Genevi	001	6/1/2017	APC	ROADWAY	T	0	27,160.00	10/7/2017	0	100
St. Girard	001	5/1/1979	APC	ROADWAY	T	0	11,934.00	8/29/2016	37	34
St. Helen	001	7/6/1991	APC	ROADWAY	T	0	10,790.00	8/25/2016	25	62
St. Henry	001	6/17/1984	APC	ROADWAY	S	0	70,200.00	8/16/2016	32	30
St. Henry	002	12/17/1988	APC	ROADWAY	T	0	28,340.00	8/16/2016	28	72
St. Ignati	001	7/4/1976	APC	ROADWAY	T	0	15,080.00	8/24/2016	40	23
St. Jerome	001	9/1/1975	APC	ROADWAY	T	0	12,350.00	8/29/2016	41	23
St. Joan L	001	12/18/1980	AAC	ROADWAY	T	0	23,400.00	10/2/2017	37	30
St. JudeLn	001	1/4/1982	APC	ROADWAY	T	0	12,220.00	8/25/2016	34	52
St. Kather	001	12/24/1985	AAC	ROADWAY	S	0	12,090.00	11/8/2017	32	19

St. Kevin	001	6/18/1994	APC	ROADWAY	T	0	24,750.00	8/16/2016	22	85
St. Lawren	001	10/27/1978	APC	ROADWAY	S	0	38,745.00	10/25/2017	39	18
St. Leo Ln	001	5/1/1995	APC	ROADWAY	T	0	43,160.00	8/29/2016	21	73
St. Linus	001	4/26/1984	APC	ROADWAY	T	0	10,270.00	8/27/2016	32	29
St. Luke L	001	6/27/1994	AAC	ROADWAY	T	0	22,375.00	10/7/2017	23	62
St. Margua	001	9/1/1975	APC	ROADWAY	T	0	23,660.00	10/7/2017	42	20
St. Martha	001	12/26/1998	ST	ROADWAY	T	0	12,420.00	11/15/2017	19	77
St. Martha	002	9/1/1975	ST	ROADWAY	T	0	19,720.00	11/15/2017	42	79
St. Martin	001	7/5/2006	APC	ROADWAY	T	0	13,910.00	8/24/2016	10	79
St. Monica	001	12/19/1978	AAC	ROADWAY	T	0	30,960.00	8/16/2016	38	69
St. Myron	001	6/23/1982	APC	ROADWAY	T	0	5,720.00	11/2/2017	35	70
St. Nathan	001	12/23/1998	APC	ROADWAY	T	0	6,500.00	11/10/2017	19	78
St. Nichol	001	10/31/1987	APC	ROADWAY	T	0	9,620.00	8/29/2016	29	48
St. Philip	001	10/30/1983	AAC	ROADWAY	T	0	43,875.00	10/25/2017	34	28
St. Pius L	001	4/30/1980	APC	ROADWAY	T	0	11,882.00	8/29/2016	36	62
St. Regina	001	4/27/1989	APC	ROADWAY	T	0	13,520.00	8/2/2016	27	68
St. Regina	002	4/27/1986	APC	ROADWAY	T	0	13,520.00	8/2/2016	30	72
St. Robert	001	12/19/1998	APC	ROADWAY	T	0	10,140.00	10/2/2017	19	90
St. Sebast	001	12/31/1975	APC	ROADWAY	T	0	18,630.00	10/9/2017	42	86
St. Shawn	001	10/27/1975	APC	ROADWAY	S	0	14,820.00	8/27/2016	41	13
St. Stephe	001	10/30/1979	AAC	ROADWAY	T	0	39,771.00	10/25/2017	38	19
St. Veroni	001	1/3/1994	APC	ROADWAY	T	0	4,940.00	8/24/2016	22	76
St. Xavier	001	1/4/1991	APC	ROADWAY	T	0	70,200.00	8/25/2016	25	71
St.EdmundC	001	6/17/1992	APC	ROADWAY	T	0	4,420.00	8/16/2016	24	54
St.FrancCt	001	5/22/1986	AAC	ROADWAY	T	0	5,500.00	10/20/2017	31	72
St.FrancLn	001	11/23/2006	APC	ROADWAY	S	0	29,250.00	10/26/2017	11	41
St.FrancLn	002	11/21/1983	AAC	ROADWAY	T	0	22,600.00	10/26/2017	34	81
St.KathLn	001	12/27/1983	APC	ROADWAY	S	0	21,330.00	10/7/2017	34	31
St. Kevin	001	9/1/1975	APC	ROADWAY	T	0	18,590.00	8/29/2016	41	83
St. Mark Ln	001	10/5/2013	AAC	ROADWAY	T	0	23,760.00	11/8/2017	4	94
St. Martha	001	9/1/1975	ST	ROADWAY	T	0	13,905.00	10/7/2017	42	61
St. MichTer	001	6/2/1991	APC	ROADWAY	T	0	9,490.00	10/10/2017	26	79
St. MichTer	002	12/1/1988	APC	ROADWAY	T	0	9,880.00	10/10/2017	29	81
St. SebaLn	001	1/4/1979	APC	ROADWAY	T	0	8,840.00	8/24/2016	37	12
St. SebaLn	002	1/1/1955	AAC	ROADWAY	T	0	11,180.00	8/24/2016	61	82
StBoniface	001	5/22/1983	AAC	ROADWAY	T	0	17,160.00	10/20/2017	34	32
StChristfr	001	12/26/1986	APC	ROADWAY	T	0	30,780.00	10/7/2017	31	53
Stephens P	001	5/18/1982	AAC	ROADWAY	T	0	10,827.00	8/31/2016	34	27

Stephns P	001	5/20/1992	AAC	ROADWAY	T	0	8,580.00	11/10/2017	25	66
StGregory	001	11/2/1978	APC	ROADWAY	T	0	15,340.00	10/9/2017	39	22
StHenryCt	001	7/6/1998	APC	ROADWAY	T	0	5,590.00	8/25/2016	18	75
StHenryLn	001	5/21/2008	AAC	ROADWAY	S	0	28,860.00	10/20/2017	9	68
StJoachim	002	6/27/1978	APC	ROADWAY	T	0	43,940.00	11/10/2017	39	75
StJoachim	003	10/24/2013	APC	ROADWAY	T	0	72,800.00	11/10/2017	4	19
StKathrine	001	1/4/1982	APC	ROADWAY	S	0	51,165.00	8/25/2016	34	36
StMatthius	001	4/26/1976	APC	ROADWAY	T	0	10,530.00	8/27/2016	40	19
StWilliams	001	7/1/1977	AAC	ROADWAY	T	0	29,430.00	10/9/2017	40	15
Sue Ct.	001	9/16/2012	PCC	ROADWAY	T	0	8,814.00	12/18/2017	5	95
Theresa Av	001	6/1/2017	AAC	ROADWAY	T	0	30,564.00	10/26/2017	0	100
Townley Dr	001	11/25/2009	PCC	ROADWAY	S	0	35,880.00	10/18/2017	8	97
Tropic Dr.	001	9/1/1975	APC	ROADWAY	T	0	27,690.00	8/27/2016	41	77
We Ave.	001	7/27/2016	AAC	ROADWAY	T	0	10,192.00	10/15/2017	1	100
Wendy Ln.	001	6/2/1991	APC	ROADWAY	T	0	16,770.00	10/10/2017	26	69
Westridge	001	9/1/1975	ST	ROADWAY	T	0	62,640.00	11/15/2017	42	73
Wright Av	001	11/4/1980	AC	ROADWAY	T	0	17,680.00	12/18/2017	37	27
Wright Av	002	11/5/1979	AC	ROADWAY	S	0	112,924.00	12/18/2017	38	25
Wright Av	003	9/1/1975	APC	ROADWAY	S	0	67,500.00	12/18/2017	42	41

Streets with a Pavement Condition (PCI)
between 0 - 25

35 streets

Average PCI = 17.4

Pavement Database: St Ann 2017

Branch ID	Number of Sections	Sum Section Length (Ft)	Avg Section Width (Ft)	True Area (SqFt)	Use	Average PCI	Standard Deviation PCI	Weighted Average PCI
Alley	1	1,855.00	15.00	27,825.00	ROADWAY	6.00	0.00	6.00
Buder Ct.	1	375.00	26.00	9,750.00	ROADWAY	16.00	0.00	16.00
CabanaClub	1	255.00	26.00	6,630.00	ROADWAY	14.00	0.00	14.00
Charles Pl	1	500.00	27.00	13,500.00	ROADWAY	24.00	0.00	24.00
Dixie Dr	1	2,985.00	27.00	80,595.00	ROADWAY	23.00	0.00	23.00
Douglass D	2	1,500.00	26.00	39,000.00	ROADWAY	16.00	3.00	15.92
Fairway Ct	1	700.00	27.00	18,900.00	ROADWAY	12.00	0.00	12.00
Farview	1	2,145.00	27.00	57,915.00	ROADWAY	15.00	0.00	15.00
Fox HallCt	1	420.00	30.00	12,600.00	ROADWAY	19.00	0.00	19.00
Fulton Way	1	430.00	20.00	8,600.00	ROADWAY	15.00	0.00	15.00
GlenwoodCt	1	670.00	26.00	17,420.00	ROADWAY	24.00	0.00	24.00
IsabelleCt	1	655.00	26.00	17,030.00	ROADWAY	9.00	0.00	9.00
Jane Ave.	1	1,426.00	26.00	37,076.00	ROADWAY	12.00	0.00	12.00
Janice Ct.	1	130.00	27.00	3,510.00	ROADWAY	22.00	0.00	22.00
June Dr.	1	341.00	26.00	8,866.00	ROADWAY	9.00	0.00	9.00
Kodiak Dr.	1	266.00	26.00	6,916.00	ROADWAY	14.00	0.00	14.00
Lee Ave.	1	945.00	28.00	26,460.00	ROADWAY	7.00	0.00	7.00
Litz Ave.	1	1,975.00	28.00	55,300.00	ROADWAY	18.00	0.00	18.00
Livingston	1	1,162.00	30.00	34,860.00	ROADWAY	23.00	0.00	23.00
LorraineAv	1	417.00	26.00	10,842.00	ROADWAY	15.00	0.00	15.00
MitchellCt	1	370.00	26.00	9,620.00	ROADWAY	19.00	0.00	19.00
Pear Tree	1	710.00	26.00	18,460.00	ROADWAY	20.00	0.00	20.00
St Ambrose	1	160.00	26.00	4,160.00	ROADWAY	23.00	0.00	23.00
St Anthony	1	610.00	27.00	16,470.00	ROADWAY	20.00	0.00	20.00
St Cecelia	1	585.00	26.00	15,210.00	ROADWAY	11.00	0.00	11.00
St Gregory	2	2,200.00	28.00	61,600.00	ROADWAY	17.00	8.00	23.22
St Leonard	1	386.00	26.00	10,036.00	ROADWAY	15.00	0.00	15.00
St Timothy	1	331.00	27.00	8,937.00	ROADWAY	23.00	0.00	23.00
St. Damian	1	1,275.00	26.00	33,150.00	ROADWAY	24.00	0.00	24.00
St. Ignati	1	580.00	26.00	15,080.00	ROADWAY	23.00	0.00	23.00
St. Jerome	1	475.00	26.00	12,350.00	ROADWAY	23.00	0.00	23.00
St. Kather	1	465.00	26.00	12,090.00	ROADWAY	19.00	0.00	19.00
St. Lawren	1	1,435.00	27.00	38,745.00	ROADWAY	18.00	0.00	18.00
St. Margua	1	845.00	28.00	23,660.00	ROADWAY	20.00	0.00	20.00
St. Shawn	1	570.00	26.00	14,820.00	ROADWAY	13.00	0.00	13.00
St. Stephe	1	1,473.00	27.00	39,771.00	ROADWAY	19.00	0.00	19.00
St.SebaLn	1	340.00	26.00	8,840.00	ROADWAY	12.00	0.00	12.00
StGregory	1	590.00	26.00	15,340.00	ROADWAY	22.00	0.00	22.00
StJoachim	1	2,800.00	26.00	72,800.00	ROADWAY	19.00	0.00	19.00
StMatthius	1	405.00	26.00	10,530.00	ROADWAY	19.00	0.00	19.00
StWilliams	1	1,090.00	27.00	29,430.00	ROADWAY	15.00	0.00	15.00
Wright Av	1	4,033.00	28.00	112,924.00	ROADWAY	25.00	0.00	25.00

Streets with a Pavement Condition (PCI)
between 26 - 35

29 streets

Average PCI = 30.1

Pavement Database: St Ann 2017

Branch ID	Number of Sections	Sum Section Length (Ft)	Avg Section Width (Ft)	True Area (SqFt)	Use	Average PCI	Standard Deviation PCI	Weighted Average PCI
Ashby Rd.	1	2,700.00	36.00	97,200.00	ROADWAY	29.00	0.00	29.00
Country Ln	1	360.00	26.00	9,360.00	ROADWAY	32.00	0.00	32.00
Geraldine	1	2,300.00	28.00	64,400.00	ROADWAY	31.00	0.00	31.00
High Dr.	1	2,900.00	27.00	78,300.00	ROADWAY	34.00	0.00	34.00
Hobday Ave	1	2,455.00	27.00	66,285.00	ROADWAY	28.00	0.00	28.00
IsabelleC	1	370.00	26.00	9,620.00	ROADWAY	31.00	0.00	31.00
Kingbee Pl	1	950.00	27.00	25,650.00	ROADWAY	34.00	0.00	34.00
Mert Rd.	1	2,210.00	27.00	59,670.00	ROADWAY	26.00	0.00	26.00
OldStChas	1	1,961.00	32.00	62,752.00	ROADWAY	27.00	0.00	27.00
Pear Tree	1	890.00	26.00	23,140.00	ROADWAY	33.00	0.00	33.00
St Clement	1	1,100.00	26.00	28,600.00	ROADWAY	34.00	0.00	34.00
St Dominic	1	545.00	26.00	14,170.00	ROADWAY	28.00	0.00	28.00
St Gregory	2	565.00	35.00	19,775.00	ROADWAY	30.00	3.00	31.25
St Richard	1	785.00	27.00	21,195.00	ROADWAY	31.00	0.00	31.00
St. Girard	1	459.00	26.00	11,934.00	ROADWAY	34.00	0.00	34.00
St. Henry	1	2,700.00	26.00	70,200.00	ROADWAY	30.00	0.00	30.00
St. Joan L	1	900.00	26.00	23,400.00	ROADWAY	30.00	0.00	30.00
St. Linus	1	395.00	26.00	10,270.00	ROADWAY	29.00	0.00	29.00
St. Philip	1	1,625.00	27.00	43,875.00	ROADWAY	28.00	0.00	28.00
St.KathLn	1	790.00	27.00	21,330.00	ROADWAY	31.00	0.00	31.00
StBoniface	1	780.00	22.00	17,160.00	ROADWAY	32.00	0.00	32.00
Stephens P	1	401.00	27.00	10,827.00	ROADWAY	27.00	0.00	27.00
Wright Av	1	680.00	26.00	17,680.00	ROADWAY	27.00	0.00	27.00

Streets with a Pavement Condition (PCI)
between 36 - 50

20 streets

Average PCI = 41.1

Pavement Database: St Ann 2017

Branch ID	Number of Sections	Sum Section Length (Ft)	Avg Section Width (Ft)	True Area (SqFt)	Use	Average PCI	Standard Deviation PCI	Weighted Average PCI
Crestshire	1	540.00	30.00	16,200.00	ROADWAY	46.00	0.00	46.00
Executive	1	245.00	26.00	6,370.00	ROADWAY	41.00	0.00	41.00
FarviewEst	1	530.00	30.00	15,900.00	ROADWAY	41.00	0.00	41.00
HoltwickAl	1	945.00	22.00	20,790.00	ROADWAY	36.00	0.00	36.00
Liana Ln.	1	1,110.00	26.00	28,860.00	ROADWAY	39.00	0.00	39.00
Maxwell Pl	1	325.00	26.00	8,450.00	ROADWAY	36.00	0.00	36.00
St Barbara	1	463.00	27.00	12,501.00	ROADWAY	42.00	0.00	42.00
St Dominic	1	550.00	26.00	14,300.00	ROADWAY	41.00	0.00	41.00
St Joachim	1	1,000.00	26.00	26,000.00	ROADWAY	42.00	0.00	42.00
St Matthew	1	1,830.00	26.00	47,580.00	ROADWAY	46.00	0.00	46.00
St. Nichol	1	370.00	26.00	9,620.00	ROADWAY	48.00	0.00	48.00
St.FrancLn	1	1,125.00	26.00	29,250.00	ROADWAY	41.00	0.00	41.00
StKathrine	1	1,895.00	27.00	51,165.00	ROADWAY	36.00	0.00	36.00
Wright Av	1	2,500.00	27.00	67,500.00	ROADWAY	41.00	0.00	41.00