

## Detailed Listing of Debt Service Requirements

The tabs that follow list in detail the debt service requirements for each Washtenaw County bond issue.

These amounts are presented as of 12-31-17, the date of our last external audit.

These amounts will be updated next year after completion of the 12-31-18 audit.

The total amounts listed in the following tabs agree with pages 98-102 of the County's 12-31-17 Comprehensive Annual Financial Report (CAFR).

Please be advised that the debt through the State Revolving Fund Loan Program (SRF) is disbursed upon request from the County and that it only becomes debt once we make that disbursement request. Therefore, the entire amount of the loan in an SRF project will not become due until we have requested all the disbursements, which does not happen until the project is finished. Each year the payment schedule will be revised until the project is completed and at that time we will have a final debt schedule in an amount approximately the same as we estimated at the time of issuance.

WILLOW RUN GRANT						
	Payment Number	Principal Paid	Balance	Year	annual payment	
3/31/2003	0	-	292,133.37			
6/30/2003	0	-	292,133.37			
9/30/2003	0	-	292,133.37			
12/31/2003	0	-	292,133.37	2003		
3/31/2004	0	-	292,133.37			
6/30/2004	0	-	292,133.37			
9/30/2004	0	-	292,133.37			
12/31/2004	0	-	292,133.37	2004		
3/31/2005	1	4,868.89	287,264.48			
6/30/2005	2	4,868.89	282,395.59			
9/30/2005	3	4,868.89	277,526.70			
12/31/2005	4	4,868.89	272,657.81	2005	19,475.56	B-303899 19475
3/31/2006	5	4,868.89	267,788.92			
6/30/2006	6	4,868.89	262,920.03			
9/30/2006	7	4,868.89	258,051.14			
12/31/2006	8	4,868.89	253,182.25	2006	19,475.56	B-337519 198624
3/31/2007	9	4,868.89	248,313.36			
6/30/2007	10	4,868.89	243,444.47			
9/30/2007	11	4,868.89	238,575.58			
12/31/2007	12	4,868.89	233,706.69	2007	19,475.56	B-376333 Terry did je this year
3/31/2008	13	4,868.89	228,837.80			
6/30/2008	14	4,868.89	223,968.91			
9/30/2008	15	4,868.89	219,100.02			
12/31/2008	16	4,868.89	214,231.13	2008	19,475.56	B-412930 split between long and short term.
3/31/2009	17	4,868.89	209,362.24			
6/30/2009	18	4,868.89	204,493.35			
9/30/2009	19	4,868.89	199,624.46			
12/31/2009	20	4,868.89	194,755.57	2009	19,475.56	B-480826 Terry did je th
3/31/2010	21	4,868.89	189,886.68			
6/30/2010	22	4,868.89	185,017.79			
9/30/2010	23	4,868.89	180,148.90			
12/31/2010	24	4,868.89	175,280.01	2010	19,475.56	B-510270 Terry did je th
3/31/2011	25	4,868.89	170,411.12			
6/30/2011	26	4,868.89	165,542.23			
9/30/2011	27	4,868.89	160,673.34			
12/31/2011	28	4,868.89	155,804.45	2011	19,475.56	
3/31/2012	29	4,868.89	150,935.56			
6/30/2012	30	4,868.89	146,066.67			
9/30/2012	31	4,868.89	141,197.78			
12/31/2012	32	4,868.89	136,328.89	2012	19,475.56	
3/31/2013	33	4,868.89	131,460.00			
6/30/2013	34	4,868.89	126,591.11			
9/30/2013	35	4,868.89	121,722.22			
12/31/2013	36	4,868.89	116,853.33	2013	19,475.56	
3/31/2014	37	4,868.89	111,984.44			
6/30/2014	38	4,868.89	107,115.55			
9/30/2014	39	4,868.89	102,246.66			
12/31/2014	40	4,868.89	97,377.77	2014	19,475.56	
3/31/2015	41	4,868.89	92,508.88			
6/30/2015	42	4,868.89	87,639.99			
9/30/2015	43	4,868.89	82,771.10			
12/31/2015	44	4,868.89	77,902.21	2015	19,475.56	
3/31/2016	45	4,868.89	73,033.32			
6/30/2016	46	4,868.89	68,164.43			
9/30/2016	47	4,868.89	63,295.54			
<b>12/31/2016</b>	<b>48</b>	<b>4,868.89</b>	<b>58,426.65</b>	<b>2016</b>	<b>19,475.56</b>	
3/31/2017	49	4,868.89	53,557.76			
6/30/2017	50	4,868.89	48,688.87			
9/30/2017	51	4,868.89	43,819.98			
12/31/2017	52	4,868.89	38,951.09	2017	19,475.56	

	<b>Payment Number</b>	<b>Principal Paid</b>	<b>Balance</b>	<b>Year</b>	<b>annual payment</b>		
3/31/2018	53	4,868.89	34,082.20				
6/30/2018	54	4,868.89	29,213.31				
9/30/2018	55	4,868.89	24,344.42				
12/31/2018	56	4,868.89	19,475.53	2018	19,475.56		
3/31/2019	57	4,868.89	14,606.64				
6/30/2019	58	4,868.89	9,737.75				
9/30/2019	59	4,868.89	4,868.86				
12/31/2019	60	4,868.86	(0.00)	2019	19,475.53		
		<b>\$292,133.37</b>			<b>\$292,133.37</b>		
Issuance Date	1/1/2005						
Issuance Amount	292,133						
Non-Interest bearing Installment loan							
Repayment Source:	Willow Run Airport						

**WASHTENAW COUNTY CAPITAL LEASE IT Equipment**

Payment Schedule

12/31/2017

	Dell Lease #44552		Dell Lease #44553		Dell Lease #44553-2		Total	
	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest
2018	59,019	4,886	398,828	17,868	343,719	11,590	801,566	34,344
2019	61,414	2,492			351,320	3,906	412,734	6,397
Balance at 12-31-17	<b>120,433</b>	<b>7,378</b>	<b>398,828</b>	<b>17,868</b>	<b>695,039</b>	<b>15,495</b>	<b>1,214,300</b>	<b>40,741</b>

**Dell Lease #44552**

Issuance Date	8/29/2014
Issuance Amount	295,562
12/31/17 Balance	<b>120,433</b>

Repayment Source:  
Ad valorem property taxes

12/31/2016 Balance	8,276,357
Added in 2017	1,054,128
Paid in 2017	(1,479,097)
<b>Total capital leases</b>	<b>7,851,387</b>

**Dell Lease #44553**

Issuance Date	8/29/2014
Issuance Amount	1,562,608
12/31/17 Balance	<b>398,828</b>

Repayment Source:  
Ad valorem property taxes  
City of Ann Arbor

**Dell Lease #44553-2**

Issuance Date	6/1/2017
Issuance Amount	1,054,128
12/31/17 Balance	<b>695,039</b>

Repayment Source:  
Ad valorem property taxes  
City of Ann Arbor

<b>Motorola Solutions, Inc.</b>		Issuance Date:	11/15/2016
Leas Number:	#24046	Issuance Amount	7318652
Principal pmt	7,318,652.00		
Interest pmt	685,258.00		
Total PMT	<b>8,003,910.00</b>		

Payment #	Payment Date	Lease Payments	of Lease Payments	Interest	Balance
	11/15/2016				\$7,318,652.00
2	12/31/2016	-	-	-	<b>7,318,652.00</b>
13	<b>11/15/2017</b>	800,391.00	681,564.36	118,826.64	6,637,087.64
14	12/31/2017	-	-	-	<b>6,637,087.64</b>
25	<b>11/15/2018</b>	800,391.00	689,551.46	110,839.54	5,947,536.18
26	12/31/2018	-	-	-	5,947,536.18
37	<b>11/15/2019</b>	800,391.00	701,066.99	99,324.01	5,246,469.19
38	12/31/2019	-	-	-	5,246,469.19
49	<b>11/15/2020</b>	800,391.00	712,774.83	87,616.17	4,533,694.36
50	12/31/2020	-	-	-	4,533,694.36
61	<b>11/15/2021</b>	800,391.00	724,678.18	75,712.82	3,809,016.18
62	12/31/2021	-	-	-	3,809,016.18
73	<b>11/15/2022</b>	800,391.00	736,780.33	63,610.67	3,072,235.85
74	12/31/2022	-	-	-	3,072,235.85

85	<b>11/15/2023</b>	800,391.00	749,084.58	51,306.42	2,323,151.27
86	12/31/2023	-	-	-	2,323,151.27
97	<b>11/15/2024</b>	800,391.00	761,594.31	38,796.69	1,561,556.96
98	12/31/2024	-	-	-	1,561,556.96
109	<b>11/15/2025</b>	800,391.00	774,312.96	26,078.04	787,244.00
110	12/31/2025	-	-	-	787,244.00
121	<b>11/15/2026</b>	800,391.00	787,244.00	13,147.00	-

# BuildingAuth general oblig bon

WASHTENAW COUNTY BUILDING AUTHORITY DEBT				SCHEDULE OF PRINCIPAL & INTEREST REC				December 31, 2017					
		new '07		new '08		new in 12							
3902		3908		3910		Capital Improvement							
Headstart		Capital - Jail		D.C.14A&Fiber NW		Refunding Bonds							
SERIES 2002		2006 A Series		Series 2008A		2012 Series		SUBTOTAL		ANNUAL TOTAL			
DATE	principal	interest	principal	interest	principal	interest	principal	interest	principal	interest	principal	interest	
Jan 1 2018									0	0			
Mar 1 2018		22,235			1,110,000	88,850		43,529	1,110,000	154,613			
July 1 2018			1,125,000	146,816					1,125,000	146,816			
Sep 1 2018	175,000	22,235				77,750	1,385,000	43,529	1,560,000	143,513	3,795,000	444,942	2018
Jan 1 2019				135,566					0	135,566			
Mar 1 2019		18,407			570,000	77,750		33,141	570,000	129,298			
July 1 2019			1,165,000	135,566					1,165,000	135,566			
Sep 1 2019	175,000	18,407				72,050	1,365,000	33,141	1,540,000	123,598	3,275,000	524,027	2019
Jan 1 2020				123,916					0	123,916			
Mar 1 2020		14,469			585,000	72,050		21,198	585,000	107,716			
July 1 2020			1,200,000	123,916					1,200,000	123,916			
Sep 1 2020	200,000	14,469				66,200	375,000	21,198	575,000	101,866	2,360,000	457,413	2020
Jan 1 2021				111,916					0	111,916			
Mar 1 2021		9,969			600,000	66,200		17,448	600,000	93,617			
July 1 2021			1,215,000	111,916					1,215,000	111,916			
Sep 1 2021	200,000	9,969				60,200	370,000	17,448	570,000	87,617	2,385,000	405,065	2021
Jan 1 2022				71,400					0	71,400			
Mar 1 2022		5,344			610,000	60,200		13,748	610,000	79,291			
July 1 2022			1,325,000	71,400					1,325,000	71,400			
Sep 1 2022	225,000	5,344				54,100	244,000	13,748	469,000	73,191	2,404,000	295,282	2022
Jan 1 2023				71,400					0	71,400			
Mar 1 2023					620,000	54,100		9,653	620,000	63,753			
July 1 2023			1,325,000	71,400					1,325,000	71,400			
Sep 1 2023						47,513	244,000	9,653	244,000	57,165	2,189,000	263,718	2023
Jan 1 2024				71,400					0	71,400			
Mar 1 2024					630,000	47,513		5,040	630,000	52,553			
July 1 2024			1,325,000	71,400					1,325,000	71,400			
Sep 1 2024						40,425	244,000	5,040	244,000	45,465	2,199,000	240,818	2024
Jan 1 2025				71,400					0	71,400			
Mar 1 2025					645,000	40,425			645,000	40,425			
July 1 2025			1,325,000	71,400					1,325,000	71,400			
Sep 1 2025						30,750	244,000		244,000	30,750	2,214,000	213,975	2025
Jan 1 2026				71,400					0	71,400			
Mar 1 2026					655,000	30,750			655,000	30,750			
July 1 2026			1,325,000	71,400					1,325,000	71,400			
Sep 1 2026						20,925	244,000		244,000	20,925	2,224,000	194,475	2026
Jan 1 2027				20,850					0	20,850			
Mar 1 2027					670,000	20,925			670,000	20,925			
July 1 2027			1,390,000	20,850					1,390,000	20,850			
Sep 1 2027						10,875			0	10,875	2,060,000	73,500	2027
Mar 1 2028					725,000	10,875			725,000	10,875	725,000	10,875	2028
	975,000	140,844	12,720,000	1,645,310	7,420,000	1,050,425	4,715,000	287,510	25,830,000	3,124,089	25,830,000	3,124,089	
<b>Issuance Date</b>	12/1/02		2/1/07		6/1/08		Series 2005 1/1/05						
<b>Issuance Amount</b>	3,000,000		21,675,000		15,620,000		11,475,000						
			Refunding Series 2014		Refunding Series 2015		Series 1999 9/1/99						
			6/1/2014		7/1/15		15,050,000						
			15,920,000		9,560,000		Series 2004 12/1/04						
							6,365,000						
<b>Repayment Source(s):</b>	General Fund Washtenaw Intermediate School District		General Fund Delinquent tax fund monies		General Fund		General Fund Delinquent tax fund monies						

**WASHTENAW COUNTY DELINQUENT TAX NOTES**

Debt Service Schedule

12/31/2017

	Del Tax 5240		Del Tax 5250		Del Tax 5260		Total	
	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest
2018	2,600,000	13,650	3,600,000	43,350	5,000,000	132,775	11,200,000	189,775
2019	-	-	1,500,000	8,625	4,500,000	63,775	6,000,000	72,400
2020					800,000	7,000	800,000	7,000
Balance at 12-31-17	<b>2,600,000</b>	13,650	<b>5,100,000</b>	51,975	<b>10,300,000</b>	203,550	<b>18,000,000</b>	<b>269,175</b>

**Del Tax 5240**

Issuance Date	4/28/2015
Issuance Amount	15,100,000
Balance 12/31/17	<b>2,600,000</b>

Add fund 5270 and its note.

**Del Tax 5250**

Issuance Date	6/23/2016
Issuance Amount	10,500,000
Balance 12/31/17	<b>5,100,000</b>

**Del Tax 5260**

Issuance Date	4/27/2017
Issuance Amount	14,300,000
Balance 12/31/17	<b>10,300,000</b>

Repayment Source:

**delinquent tax revenues are pledged to repay the delinquent tax notes.**





# Drains General Obligation Bonds

The image shows a large, dense grid of data, likely a spreadsheet or table, with a light blue background and a grid of black lines. The grid is mostly empty, with some faint text visible in the top and bottom rows. The right side of the grid has a vertical column of yellow cells. The text is too small to read, but it appears to be organized into columns and rows, possibly representing financial data or a schedule of payments.

Drains Notes Payable

Water Resources					31-Dec-17	NOTES	PAYABLE	SCHEDULE	
	new '10 8669		NEW '14 8699						
ISSUE:	Wing Drain		Hawthorne Ridge		TOTAL		Total By Year		
YEAR	PRIN	INT	PRIN	INT	PRIN	INT	PRIN	INT	
Jun 1, 2018	29,950	4,627	34,500	5,341	64,450	9,968	64,450	9,968	2018
Jun 1, 2019	29,950	3,085	34,500	4,451	64,450	7,535	64,450	7,535	2019
Jun 1, 2020	29,950	1,547	34,500	3,560	64,450	5,107	64,450	5,107	2020
Jun 1, 2021			34,500	2,670	34,500	2,670	34,500	2,670	2021
Jun 1, 2022			34,500	1,780	34,500	1,780	34,500	1,780	2022
Jun 1, 2023			34,500	890	34,500	890	34,500	890	2023
Total	89,850	9,259	207,000	18,692	296,850	27,951	296,850	27,951	

# Roads Special Assessment Notes

ROAD COMMISSION	SPECIAL ASSESSMENT SCHEDULE																			DECEMBER 31, 2017			
	new 2009		new 2009		new 2010		new 2011		new 2012		new 2014		new 2014		new 2014		new 2015		new 2017				
ISSUE:	Wing Meadows	Varsity Indust Park	Scio Hills	Uplands Scio Hills	Polo Fields Bonds	Carriage Hills	Brookview	App Hill/Est York Ridge	Hayes	Lone Oak	Annual totals												
YEAR	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	
2018	4,000	93	29,000	1,183	36,000	2,085	35,000	2,169	75,000	6,570	46,000	5,493	38,000	4,603	29,000	3,824	30,000	5,075	40,000	7,768	362,000	38,860	2018
2019	1,000	16	23,000	374	36,000	720	35,000	1,294	75,000	4,976	46,000	4,688	38,000	3,938	28,000	3,325	30,000	4,663	41,000	6,800	353,000	30,792	2019
2020					1,000	19	25,000	406	75,000	3,101	46,000	3,883	38,000	3,273	28,000	2,835	29,000	4,148	41,000	5,820	283,000	23,484	2020
2021									69,000	1,035	46,000	3,020	38,000	2,560	28,000	2,310	29,000	3,531	41,000	4,840	251,000	17,296	2021
2022									46,000	2,043	46,000	2,043	38,000	1,753	28,000	1,715	29,000	2,843	41,000	3,860	182,000	12,212	2022
2023									46,000	950	46,000	950	38,000	850	28,000	1,050	29,000	2,081	41,000	2,880	182,000	7,811	2023
2024									15,000	188	15,000	188	15,000	188	28,000	350	29,000	1,248	41,000	1,900	128,000	3,873	2024
2025																	25,000	406	41,000	920	66,000	1,326	2025
2026																			18,000	215	18,000	215	2026
	5,000	109	52,000	1,556	73,000	2,824	95,000	3,869	294,000	15,683	291,000	20,263	243,000	17,163	197,000	15,409	230,000	23,994	345,000	35,002	1,825,000	135,856	
Issuance Date	10/01/09		10/01/09		08/12/10		08/04/11		09/10/12		09/08/14		09/08/14		09/08/14		06/23/15						
Issuance Amount	43,000		277,000		349,000		349,000		738,000		448,000		374,000		279,000		285,000		406,000				
Repayment Source(s):	Property Owners		Property Owners		Property Owners		Property Owners		Property Owners		Property Owners		Property Owners		Property Owners		Property Owners		Property Owners				

## Roads General Obligation Bonds

GENERAL OBLIGATION - Road Commission Schedule		DECEMBER 31, 2017				
	new 12					
	MTF Notes					
ISSUE:	Series 2012	TOTAL GENERAL OB		ANNUAL TOTAL GENOB		
DATE	Principal	Interest	Principal	Interest	Principal	Interest
Feb 1 2018		33,000		33,000		
Aug 1 2018	600,000	33,000	600,000	33,000	600,000	66,000
Feb 1 2019		27,000		27,000		
Aug 1 2019	600,000	27,000	600,000	27,000	600,000	54,000
Feb 1 2020		21,000		21,000		
Aug 1 2020	600,000	21,000	600,000	21,000	600,000	42,000
Feb 1 2021		15,000		15,000		
Aug 1 2021	600,000	15,000	600,000	15,000	600,000	30,000
Feb 1 2022		7,500		7,500		
Aug 1 2022	600,000	7,500	600,000	7,500	600,000	15,000
	3,000,000	207,000	3,000,000	207,000	3,000,000	207,000
Issuance Date	6/21/12					
Issuance Amount	6,000,000					
Repayment Source(s):	Ypsilanti Township					

# Roads Installment Debt

INSTALLMENT OBLIGATION - Road Commission Schedule												DECEMBER 31, 2017	
	D&K Truck Co		D&K Truck Co/Truck Trailer		Chelsea State Bank		Wolverine Freight		D&K Truck Co		Old National Bank		TOTAL INSTA
ISSUE:	AA State Bank		Chelsea State Bank		Chelsea State Bank		AA State Bank		Chelsea State Bank		Old National Bank		TOTAL INSTA
DATE	Principal	Interest	Principal	Interest	Principal	Interest	principal	interest	Principal	Interest	Principal	Interest	Principal
2018	170,402	9,020	167,671	10,475	40,000	169	150,917	1,862	160,000	7,118	550,000	101,409	1,238,990
2019	173,581	5,841	167,671	7,585					160,000	3,630	550,000	92,888	1,051,252
2020	176,810	2,612	167,671	4,710					80,000	510	550,000	82,198	974,481
2021	44,717	138	167,671	1,805							550,000	71,028	762,388
2022			13,972	20							550,000	60,099	563,972
2023											550,000	49,169	550,000
2024											550,000	38,359	550,000
2025											550,000	27,309	550,000
2026											550,000	16,380	550,000
2027											550,000	5,450	550,000
	565,511	17,611			40,000	169	150,917	1,862	400,000	11,259	5,500,000	544,287	7,341,083
Issuance Date	11/12/2013				4/30/2013		12/29/15		04/10/15				
original amount	720,000		838,354		600,000		853,454		800,000		5,500,000		
	2.27%		1.70%		2.00%		1.85%		2.15%		1.96%		