



# Board of County Commissioners Agenda Request

6C  
Agenda Item #

**Requested Meeting Date:** 8-14-18

**Title of Item:** 2019 Budget Presentation

<input checked="" type="checkbox"/> REGULAR AGENDA <input type="checkbox"/> CONSENT AGENDA <input type="checkbox"/> INFORMATION ONLY	<b>Action Requested:</b> <input type="checkbox"/> Approve/Deny Motion <input type="checkbox"/> Adopt Resolution (attach draft) <i>*provide copy of hearing notice that was published</i>	<input type="checkbox"/> Direction Requested <input checked="" type="checkbox"/> Discussion Item <input type="checkbox"/> Hold Public Hearing*
<b>Submitted by:</b> John Welle		<b>Department:</b> Highway Department
<b>Presenter (Name and Title):</b> John Welle, Aitkin County Engineer		<b>Estimated Time Needed:</b> 30 minutes
<b>Summary of Issue:</b> Attached are the detailed budget sheets for the proposed Highway Department Budget including the Operations, Capital Equipment/Facilities, and Capital Infrastructure Budgets. Also included is the proposed five-year capital equipment/facilities program and the five-year capital road construction program. The budget will be summarized by a brief presentation.		
<b>Alternatives, Options, Effects on Others/Comments:</b> NA		
<b>Recommended Action/Motion:</b> Discussion only, for future action.		
<b>Financial Impact:</b> Is there a cost associated with this request? <input type="checkbox"/> Yes <input type="checkbox"/> No What is the total cost, with tax and shipping? \$ Is this budgeted? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>Please Explain:</i>		

Legally binding agreements must have County Attorney approval prior to submission.

### 2019 Highway Department Budget Summary

**Revenue:**

	2016 Actual	2017 Actual	Adopted 2018 Budget	2018 As of 5-31-18	Proposed 2019 Budget
Operating	\$ 4,759,287	\$ 4,504,695	\$ 4,281,077	\$ 1,544,169	\$ 4,269,377
Capital Equipment/Facilities	\$ 509,900	\$ 555,200	\$ 571,600	\$ -	\$ 625,000
Capital Infrastructure	\$ 6,846,484	\$ 3,748,789	\$ 8,058,600	\$ 189,576	\$ 4,255,000
Planned Use of Existing Funds					\$ 150,000
<b>Total:</b>	<b>\$ 12,115,670</b>	<b>\$ 8,808,684</b>	<b>\$ 12,911,277</b>	<b>\$ 1,733,745</b>	<b>\$ 9,299,377</b>

**Expenditures:**

Operating	\$ 4,119,768	\$ 4,050,886	\$ 4,273,360	\$ 1,841,553	\$ 4,419,377
Capital Equipment/Facilities	\$ 819,105	\$ 126,816	\$ 571,600	\$ 8,196	\$ 625,000
Capital Infrastructure	\$ 6,846,848	\$ 5,255,463	\$ 8,493,600	\$ 120,172	\$ 3,775,000
<b>Total:</b>	<b>\$ 11,785,721</b>	<b>\$ 9,433,165</b>	<b>\$ 13,338,560</b>	<b>\$ 1,969,921</b>	<b>\$ 8,819,377</b>

### 2019 Highway Department Budget Levy Revenue Summary

	2016 Actual	2017 Actual	Adopted 2018 Budget	2018 As of 5-31-18	Proposed 2018 Budget
Operating	\$ 1,527,886	\$ 1,384,570	\$ 1,365,150	\$ -	\$ 1,292,447
Capital Equipment/Facilities	\$ 509,900	\$ 555,200	\$ 571,600	\$ -	\$ 625,000
Capital Infrastructure	\$ 600,000	\$ 600,000	\$ 600,000	\$ -	\$ 600,000
<b>Total:</b>	<b>\$ 2,637,786</b>	<b>\$ 2,539,770</b>	<b>\$ 2,536,750</b>	<b>\$ -</b>	<b>\$ 2,517,447</b>

**% Increase Over Previous Year's Budget:**

-0.76%

## Highway Department Operations Budget Fund 003

Revenue:

	2016 Actual	2017 Actual	Adopted 2018 Budget	2018 As of 5-31-18	Proposed 2019 Budget
5001 Taxes, Aids, etc.	1,528,034	1,384,960	1,365,150	-	1,292,447
5227 Twp Road Allotment Gas Tax	378,304	378,264	400,400	442,343	452,000
5330 State Grants - Disaster Funds	-	162,519	-	-	-
5425 Federal Grants - FEMA	-	-	-	-	-
5430 Federal FHWA - ER Funds	-	-	-	-	-
5840 Misc. Refunds and Reimbursements	216,373	54,979	46,907	13,872	40,000
5846 State-aid: Town Bridge Funds	-	32,706	5,000	-	-
5848 County Bridge Bonding	-	-	-	-	-
5850 State-aid: Regular Construction Funds	126,604	120,522	50,000	-	90,000
5851 State-aid: Municipal Construction Funds	-	-	50,000	-	10,000
5852 State-aid: Regular Maintenance Funds	1,840,441	1,840,288	1,960,620	986,235	1,970,000
5853 State-aid: Municipal Maintenance Funds	107,940	107,725	105,000	63,621	130,000
5854 Township/City/Public Drainage Ditch Receipts	313,566	347,125	282,000	21,122	269,500
5855 Individual Receipts	14,722	14,466	13,000	6,829	11,430
5857 Culverts (Individual) Receipts	2,680	4,488	2,000	302	2,000
5866 Auction Receipts	10,972	4,946	1,000	3,769	2,000
5881 Wetland Bank Credits	219,650	51,708	-	6,077	-
<b>Total Revenue:</b>	<b>\$ 4,759,287</b>	<b>\$ 4,504,695</b>	<b>\$ 4,281,077</b>	<b>\$ 1,544,169</b>	<b>\$ 4,269,377</b>

## Highway Department Operations Budget Fund 003

### Department 301 (Administration) Expenditures:

	2016 Actual	2017 Actual	Adopted 2018 Budget	2018 As of 5-31-18	Proposed 2019 Budget
6101 Salaries, Full Time	339,220	340,123	342,456	146,998	342,407
6102 Salaries, Part Time	-	-	-	-	
6108 Meals Reimbursed	170	142	200	14	200
6109 Overtime	-	-	-	-	
6124 Medicare - Employer (1.45%)	4,733	4,602	4,965	2,022	4,965
6148 Employer Deductible Contribution- H.S.A.	11,350	12,209	12,379	5,158	12,040
6150 Health Insurance - Employer	27,156	46,136	47,485	19,785	48,621
6152 Life Insurance - Employer	222	215	272	86	202
6154 Long Term Disability - Employer	494	744	1,335	288	686
6159 PERA - Employer	23,534	23,805	24,758	10,374	24,755
6165 FICA - Employer (6.2%)	19,605	19,439	21,232	8,645	21,229
6205 Postage	982	796	1,200	574	1,000
6234 Background Checks	-	-	-	-	
6240 Dues	2,518	2,960	3,000	3,010	3,050
6241 Registration Fees/Prof. Serv./Printing	1,791	1,764	2,000	1,202	1,500
6250 Telephone	-	-	-	-	
6296 Meeting Expenses	3,601	1,643	4,000	1,385	2,000
6300 Service Contracts	11,095	12,183	13,490	2,713	13,490
6330 Highway Travel	24	-	-	-	
6352 Insurance	22,478	12,854	13,240	46,737	45,000
6353 Workers Compensation Insurance	3,692	5,241	5,400	4,722	4,960
6400 Supplies and Materials	5,879	4,774	5,000	1,870	5,000
<b>Total Administration Expenditures:</b>	<b>\$ 478,544</b>	<b>\$ 489,631</b>	<b>\$ 502,412</b>	<b>\$ 255,582</b>	<b>\$ 531,105</b>

## Highway Department Operations Budget Fund 003

**Department 302 (Engineering) Expenditures:**

	2016 Actual	2017 Actual	Adopted 2018 Budget	2018 As of 5-31-18	Proposed 2019 Budget
6101 Salaries, Full Time	272,206	255,159	315,929	118,749	325,420
6102 Salaries, Part Time	4,044	6,640	7,756	-	7,457
6108 Meals Reimbursed	84	31	100	84	100
6109 Overtime	34,797	30,240	41,517	1,022	42,903
6124 Medicare - Employer (1.45%)	4,371	4,117	5,295	1,683	5,448
6148 Employer Deductible Contribution- H.S.A.	1,000	2,260	2,260	942	2,260
6150 Health Insurance - Employer	52,232	53,689	68,845	22,360	73,052
6152 Life Insurance - Employer	217	216	393	92	323
6154 Long Term Disability - Employer	163	168	270	65	161
6159 PERA - Employer	22,541	21,283	26,809	8,983	27,626
6165 FICA - Employer (6.2%)	18,688	17,606	22,642	7,194	23,298
6296 Meeting Expense/Physicals	2,951	363	3,000	1,093	2,500
6353 Workers Compensation Insurance	3,102	2,038	3,000	2,613	2,750
6411 Safety Footwear	221	269	725	253	725
6449 Engineering Supplies	5,230	2,831	5,000	1,876	6,000
6820 Health Insurance Fund	-	-	-	-	-
<b>Total Engineering Expenditures:</b>	<b>\$ 421,846</b>	<b>\$ 396,910</b>	<b>\$ 503,541</b>	<b>\$ 167,009</b>	<b>\$ 520,023</b>

## Highway Department Operations Budget Fund 003

**Department 303 (Road Maintenance) Expenditures:**

	2016 Actual	2017 Actual	Adopted 2018 Budget	2018 As of 5-31-18	Proposed 2019 Budget
6101 Salaries, Full Time	926,068	941,805	984,113	384,427	977,957
6102 Salaries, Part Time	4,939	-	11,182	-	30,547
6108 Meals Reimbursed	32	-	100	-	100
6109 Overtime	43,425	34,772	49,171	30,597	49,900
6124 Medicare - Employer (1.45%)	13,727	13,749	15,143	5,793	15,350
6148 Employer Deductible Contribution- H.S.A.	4,000	5,248	5,520	942	2,260
6150 Health Insurance - Employer	216,776	225,842	244,590	102,660	246,212
6152 Life Insurance - Employer	1,016	975	1,245	391	951
6154 Long Term Disability - Employer	342	319	573	96	295
6159 PERA - Employer	71,909	71,760	77,501	30,612	77,087
6165 FICA - Employer (6.2%)	58,695	58,790	64,754	24,768	65,622
6254 Utilities	50,870	49,996	55,000	23,546	55,000
6296 Meeting Expense/Physicals	2,113	2,244	2,100	1,310	2,000
6297 Shop Fuel	14,599	14,722	16,000	15,923	17,000
6298 Shop Maintenance and supplies	55,610	50,837	55,000	20,140	54,000
6352 Insurance	5,405	4,758	4,900	4,470	4,700
6353 Workers Compensation Insurance	78,129	60,691	62,500	56,469	59,300
6411 Safety Footwear	2,168	1,820	2,465	835	2,465
6513 Motor Fuel and Lubricants	184,222	200,419	205,000	67,030	222,400
6514 Pavement Striping	34,405	49,301	62,150	-	46,355
6515 Culverts	42,168	36,470	30,000	-	30,000
6516 Signs and Posts	13,619	7,384	15,000	4,659	12,000
6517 Asphalt, Crack Sealant, Etc	62,000	25,857	30,000	-	30,000
6518 De-icing Salt	115,068	117,883	140,000	48,454	96,260
6519 Gravel & Royalty	74,288	198,107	150,000	22,227	130,000
6520 Calcium Chloride	319,082	244,915	260,000	-	196,488
6521 Other Maintenance Supplies/Services(Road only)	85,613	26,602	15,000	1,961	205,000
6524 Sand for Salt Mixture	26,762	19,121	28,000	-	30,000
6590 Repair and Maintenance of Equipment	274,913	285,382	250,000	97,798	225,000
6820 Approach Deposit Refund	-	-	-	-	-
6825 Municipal Maintenance Agreements	59,111	36,314	30,000	31,512	32,000
6830 Twp Road Allotment Gas Tax	378,304	378,264	400,400	442,343	452,000
<b>Total Road Maintenance Expenditures:</b>	<b>\$ 3,219,377</b>	<b>\$ 3,164,345</b>	<b>\$ 3,267,407</b>	<b>\$ 1,418,962</b>	<b>\$ 3,368,249</b>
<b>Grand Total Operations Expenditures:</b>	<b>\$ 4,119,768</b>	<b>\$ 4,050,886</b>	<b>\$ 4,273,360</b>	<b>\$ 1,841,553</b>	<b>\$ 4,419,377</b>

## Highway Department Capital Equipment and Facilities Budget Fund 308

	2016 Actual	2017 Actual	Adopted 2018 Budget	2018 As of 5-31-18	Proposed 2019 Budget
<b>Revenue:</b>					
5001 Taxes, Aids, etc.	509,900	555,200	571,600	-	625,000
5840 Miscellaneous Receipts	-	-	-	-	
<b>Total Revenue:</b>	<b>\$ 509,900</b>	<b>\$ 555,200</b>	<b>\$ 571,600</b>	<b>\$ -</b>	<b>\$ 625,000</b>
<b>Expenditures:</b>					
6600 Capital Outlay - Facilities	17,296	20,938	130,000	-	130,000
6600 Capital Outlay - Equipment	801,810	105,878	441,600	8,196	495,000
<b>Total Expenditures:</b>	<b>\$ 819,105</b>	<b>\$ 126,816</b>	<b>\$ 571,600</b>	<b>\$ 8,196</b>	<b>\$ 625,000</b>

ADMIN  
Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2018	2019	2020	2021	2022	2023	5 YEAR TOTAL	FUNDING SOURCE	COMMENTS
Unit #621		11/30/94										
Office Desks - Acct & Office Assistant		\$ 2,754.09	20									
Unit #631		03/06/00										
Office Furniture - Engineer		\$ 3,031.74	10									
Unit #632		03/06/00										
Office Furniture - Asst Engineer		\$ 2,323.78	10									
Unit #633		03/06/00										
Office Furniture - ROW/Permit Agent		\$ 2,126.53	10									
Unit #635		02/02/01										
Conference Room Furniture		\$ 2,642.74	10									
Unit #637		1/31/2003										
Office Furniture - Surveyor		\$ 1,385.64	10									
Unit #644		08/21/15										
Computer - Maintenance Foremen		\$ 905.00	4			1,200				1,200		
Unit #646		11/27/2007										
NEC Projector		\$ 1,261.73										
Unit #648		5/22/2008										
Engineer Tech Desks/Chairs		\$ 2,896.81	5									
Unit #652 (John)		08/27/09										
Laptop Thinkpad W500- Engineer		\$ 1,793.58	4	1,900								
Unit #653 (Carol)		11/13/2014										
Office Assistant Computer		\$ 905.00	4	1,400				1,400		1,400		
Unit #657 (John)		06/21/2013										
Engineer Computer		\$ 1,159.59	4				1,400			1,400		\$1,400 in 2017
Unit #658 (Sarah)		12/7/2016										
Accountant Computer		\$ 910.00	4			1,200				1,200		
Unit #659 (Conrad)		12/7/2016										
ROW/Permit Agent Computer		\$ 1,288.00	4			1,200				1,200		
Unit #660 (Mike)		12/07/16										
Asst. Engineer Computer		\$ 1,288.00	4			1,200				1,200		
Unit #785		10/1/2013										
NewRoads ACS Software		\$ 9,084.38	30									
Unit #783 (Surveyor)		10/31/2012										
Computer		\$ 1,432.96	4				1,400			1,400		\$1,400 in 2017
Scott Computer												
<b>Total:</b>				\$ 4,700	\$ -	\$ 4,800	\$ 2,800	\$ 2,800	\$ -	\$ 10,400	R&B levy	



**ATV**  
Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE						5 YEAR TOTAL	FUNDING SOURCE	COMMENTS	
				2018	2019	2020	2021	2022				2023
Unit #13 2011 Polaris 500 Ranger ATV	4XARIH50A6BB070008 1,701 miles	4/15/2011 \$ 9,894.94	08									
Unit #720: 1998 Polaris ATV	4XAACH2A2WB052100 1,941 miles	05/13/98 \$ 4,897.94	8									
<b>Total:</b>				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	R&B levy

**BELLY DUMPS**  
Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE						5 YEAR TOTAL	FUNDING SOURCE	COMMENTS	
				2018	2019	2020	2021	2022				2023
Unit #499 Red River Belly Dump	1R9BD423XS1051056 151,800 miles	05/04/95 \$ 26,417.80	20									
Unit #500: Ranco Belly Dump	1R9BSE608PL008911 241,658 miles	01/14/94 \$ 28,235.00	20			50,000				50,000		
Unit #501: Red River Belly Dump	4ZYBD42311000233 117,583 miles	05/22/01 \$ 28,462.32	20									
<b>Total:</b>				\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -	R&B levy

CONST  
Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2018	2019	2020	2021	2022	2023	5 YEAR TOTAL	FUNDING SOURCE	COMMENTS
Unit #435: (Drill Rig) 1986 Ford Pickup	1FTEF26NGPB86481 136,217 miles	02/20/96 \$ 5,872.50	05									
Unit #709: Pin Finder Locator FT150	45B9086F	01/01/89 \$ 500.00	10									
Unit #711: Concrete Air Tester	P116	04/07/95 \$ 575.18	20									
Unit #718: Laser Level	14165	06/06/97 \$ 2,337.68	10									
Unit #726: Course Sieve Shaker		06/19/01 \$ 3,522.26	5									
Unit #727 Digital Scale		03/27/02 \$ 1,452.00	5									
Unit #731 One Office DataBase/Egram		9/2/2005 \$ 15,763.93	10									
Unit #732 Leica Total Station	220394	4/19/2006 \$ 36,160.19	8						40,000	40,000		
Unit #737 EaglePoint Software		12/20/2007 \$ 6,304.82	5									
Unit #738 HP Laserjet 5200 DTN Printer		11/27/2012 \$ 2,396.00	8									
Unit #739 Autocad Civil 3D 2017		1/12/2017 \$ 41,224.62	5									
Unit #769 Toughbooks #1		9/21/2011 \$ 1,757.03	5									\$1,400 in 2017
Unit #772 Ipad - Sign Truck		9/2/2015 \$ 930.97	4			1,200				1,200		
Unit #773 Trimble GPS		2/20/2009 \$ 54,895.96	8	60,000								
Unit #774 Eaglepoint AutoCAD Map		1/7/2009 \$ 22,562.89	8									
Unit 776 Extra Engineer Station Computer		5/13/2009 \$ 1,039.44	4									
Unit #777 Nikon Auto Level		6/3/2009 \$ 1,050.94	1									
Unit #778 E-TimeCard		12/24/2009 \$ 9,570.00										
Unit #783 Surveyor Computer		10/31/2012 \$ 1,432.96	4									
Unit #784 Engineer Tech Computer #5		4/14/2013 \$ 1,159.59	4	1,400								
Unit #786 Eng. Tech Desktop Computers - 4		1/1/2018 \$ 6,664.36	4				6,000			6,000		
Unit #787 Eng. Tech Laptop's - 4		1/1/2018 \$ 7,210.80	4						8,000	8,000		
<b>Total:</b>				\$ 61,400	\$ -	\$ 1,200	\$ 6,000	\$ -	\$ 48,000	\$ 55,200	R&B levy	

**DUMP TRUCKS**  
**Aitkin County Highway Department**

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2018	2019	2020	2021	2022	2023	5 YEAR TOTAL	FUNDING SOURCE	COMMENTS
Unit #126: (Swatara - Florian) 2000 Ford Single Axle	2FZHDJBB0YAB12881 96,442 miles	10/22/99 \$ 89,105.34	08				180,000			180,000		acquire in 2021
Unit #127: (Jacobson - Butch) 2000 Ford Single Axle	2FZHOJBB2YAB12882 109,026 miles	10/22/99 \$ 93,834.69	08		85,000					85,000		Acquire used 4WD?
Unit #128: (Palisade - Greg) 2001 Sterling LT9511	2FZHAZAS31AJ37253 278,552 miles	04/17/01 \$ 110,632.06	08				200,000			200,000		acquire in 2021
Unit #131: (McGrath - John) 2001 Sterling LT9511	2FZHAZAS91AJ37256 187,805 miles	04/17/01 \$ 109,972.80	08					200,000		200,000		acquire in 2021
Unit #132: (Aitkin - Rick) 2007 Mack CV713	1M2AG11C37M066989 260,129 miles	12/1/2006 \$ 144,048.55	08	40,000						-		\$150k in 2017 acquire in 2018
Unit #133: (Palisade - Don) 2007 Mack CV713	1M2AG11CX7M066990 228,931 miles	12/13/2006 \$ 144,048.55	08		190,000					190,000		acquire in 2018
Unit #134: (McGregor - Dave) 2007 Mack CV713	1MAG11C17M066991 248,381 miles	12/1/2006 \$ 144,048.55	08	10,000	180,000					180,000		acquire in 2018
Unit #135: (Aitkin - Duane) 2012 International Tandem	1HTGRSJT1CJ634654 121,848 miles	2/13/2012 \$ 180,115.33	8							-		
Unit #136: (Aitkin - Randy) 2012 International Tandem	1HTGRSJT1CJ634655 123,507 miles	2/13/2012 \$ 180,115.32	8					50,000	160,000	210,000		
Unit 137: (Scott - McGregor) 2012 International Tandem	1HTGRSJT1CJ634656 89,695 miles	2/13/2012 \$ 181,528.21	8							-		
Unit 138: (Aitkin - Al) 2012 International Tandem	1HTGRSJT1CJ634657 106,432 miles	2/13/2012 \$ 181,837.07	8							-		
Unit 139: (McGregor - Ben) 2016 Mack GU 713	1M2AX09C5GM031563 37,191 miles	11/25/2015 \$ 182,454.37	8							-		
Unit 140: (Palisade - Gary) 2016 Mack GU 713	1M2AX09C7GM031564 27,765 miles	11/25/2015 \$ 182,454.37	8							-		
Unit 141: (McGrath - Randy) 2016 Mack GU 713	1M2AX09C9GM031565 31,192 miles	11/25/2015 \$ 182,454.37	8							-		
<b>Total:</b>				\$ 50,000	\$ 455,000	\$ -	\$ 380,000	\$ 250,000	\$ 160,000	\$ 1,245,000	R&B levy	

**LOADERS**

Aitkin County Highway Department

DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2018	2019	2020	2021	2022	2023	5 YEAR TOTAL	FUNDING SOURCE	COMMENTS
Unit #010 Case 1840 Skidsteer	JAF 0046781 1,831 hours	06/30/91 \$ 14,320.00	5							-		
Unit #020 Bobcat Skidsteer	519025062 1,685 hours	8/21/2009 \$12,500	6							-		
Unit #371 (Aitkin) John Deere 624J Loader	DW624J2620150 2,621 hours	5/15/2008 \$ 102,623.40	10							-		
Unit #386: (Swatara) JD 410E Wheel Loader Backhoe	T0410EX885689 189 hours	11/21/2013 \$ 30,459.38	10							-		
Unit #389: (Jacobson) Ford Loader/Backhoe	A428046 3,189 hours	11/01/94 \$ 49,450.05	10					50,000		50,000		
Unit #391: (Palisade) Cat 938F Loader	1KM02373 5,029 hours	06/09/97 \$ 121,976.00	10				140,000			140,000		
Unit #397 (McGrath) John Deere Loader/Backhoe	T0310SG927807 2,460 hours	12/22/2003 \$ 45,382.85	12							-		
Unit #398 (McGregor) John Deere 624J Loader	DW624JZ591593 2,513 hours	4/8/2004 \$ 114,444.90	12							-		
<b>Total</b>				\$ -	\$ -	\$ -	\$ 140,000	\$ 50,000	\$ -	\$ 190,000	R&B levy	

## MAINT

## Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2018	2019	2020	2021	2022	2023	5 YEAR TOTAL	FUNDING SOURCE	COMMENTS
Unit #016 Stow VPC80E Plate Compactor	9301000	10/01/93 \$ 1,618.80	08									
Unit #017 Hyd. Truck Conveyor	1D03789126	06/17/94 \$ 4,622.10	05									sell - auction
Unit #018 Graco Pavement Marker	3003	06/17/94 \$ 6,704.18	08									
Unit #019 Roscoe SweepPro	4820-44017 1,969 hours	3/21/2006 \$ 30,625.14	10					60,000.0		60,000		
Unit #041 2014 Cimline 230DH Gen IV Melter	615 hours	3/26/2015 \$ 36,495.00	5									
Unit #042 Ingersoll Rand Compressor	327328UBM288 1,092 hours	02/26/02 \$ 11,762.93	5									
Unit #43 Pavement Compactor CATCB24	24001325 488 hours	10/15/2012 \$ 27,787.50	10									
Unit #048 Hydro Tek Steamer	201400566	3/13/2014 \$ 6,478.90	08									
Unit #50 STEPP Pothole Patch Trailer	4S9PH15Y1ES127059 392 hours	5/29/2014 \$ 15,572.00	8									
Unit #066 Honda Water Pump		8/15/2003 \$ 2,628.51	5			4,000				4,000		
Unit #067 Pul-type Pneumatic Roller	190604	11/15/2004 \$ 11,182.50	5									
Unit #096 Ali American Disk	105DH	12/11/95 \$ 4,473.00	07									
Unit #098 Ford Tandem Wheel Disc		07/25/88 \$ 1,600.00	04									
Unit #300 PT100G Terex Track Brush Machine	ASVPT100LDWVF00338 1,441 hours	6/27/2011 \$ 71,832.83	10						80,000	80,000		
Unit #304 Ulrich Shoulder Mach		06/30/86 \$ 6,000.00	10		15,000	65,000				80,000		\$10k in 2017
Unit #368 Self-propelled Steel Drum Roller	3TM01311 2,052 hours	11/16/2004 \$ 43,665.00	5									
Unit #370 Cat 312 Excavator	CBA04594 6,454 hours	1/22/2008 \$ 119,667.30	10			80,000				80,000		
Unit #399 Caterpillar D5NLGP Dozer	ADK01236 3,057 hours	12/29/2004 \$ 107,649.54	12									
Unit #498 Water Tanker Trailer	OMA102901	6/11/2003 \$ 2,500.00	2									
<b>Total:</b>				\$ -	\$ 15,000	\$ 149,000	\$ -	\$ 60,000	\$ 80,000	\$ 304,000	R&B levy	

**MOTOR GRADERS**  
**Aitkin County Highway Department**

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2018	2019	2020	2021	2022	2023	5 YEAR TOTAL	FUNDING SOURCE	COMMENTS
Unit 200 (McGrath - John) Caterpillar 120M Motor Grader	CAT0120MJD9W00208 3,673 hours	2/28/2013 \$ 193,743.00	15									
Unit 201 (McGrath - Randy) Caterpillar 120M Motor Grader	CAT0120MPD9W00206 2,609 hours	2/28/2013 \$ 193,743.00	15									
Unit 205 (Swatara) 2016 John Deere 670GP	1DW670GPCGF678041 699 hours	11/17/2016 \$ 208,090.00	15									
Unit #206 (McGregor) 2016 John Deere 670GP	1DW670GPAGF678048 1,052 hours	11/17/2016 \$ 208,090.00	15									
Unit #209 (Spare) Cat 140G Motor Grader	72V9886; Rebuilt '99 17,830 hours	06/15/87 \$ 151,794.91	5									Sell w/acuisition of new shoulder mach.
Unit #210: (Palisade) Cat 140G Motor Grader	72V11843; Rebuilt '08 20,971 hours	04/19/89 \$ 118,166.00	7	220,000								
Unit #211: (Jacobson) Cat 140G Motor Grader	72V11844; Rebuilt '06 14,434 hours	04/19/89 \$ 118,166.00	7						240,000	240,000		
Unit #212 (Aitkin) Cat 140G Motor Grader	72V11903; Rebuilt '04 20,338 hours	04/19/89 \$ 126,506.00	7			225,000				225,000		
<b>Total:</b>				\$ 220,000	\$ -	\$ 225,000	\$ -	\$ -	\$ 240,000	\$ 485,000	R&B levy	

PICKUPS

Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ LIFE	2018	2019	2020	2021	2022	2023	5 YEAR TOTAL	FUNDING SOURCE	COMMENTS
Unit #440: (Mower) 1999 Ford Pickup	1FTSF30S7XEE77886 228,278 miles	06/24/99 \$ 27,307.66	05									
Unit #448 (former eng, maint) 2004 Ford F-150 4x4	2FTRF18W04CA57284 133,300 miles	9/9/2004 \$ 18,264.12	5			24,000				24,000		
Unit #453 (Maint.) (with lift) 2008 Ford F-250	1FTNF215X8ED 99,986 miles	1/2/2008 \$ 21,153.03	5						30,000	30,000		
Unit #454 (Randy) 2008 Ford F-150	1FTRX14W58FC 92,779 miles	5/13/2008 \$ 20,588.85	5					26,000		26,000		
Unit #456 (Maint.) 2008 Ford F-350 Flatbed	1FDWF36Y88EE41635 56,653 miles	8/21/2008 \$ 25,893.33	5					30,000		30,000		Replace w/Crew Cab
Unit #458 (McGregor) 2010 Ford F150 CrewCab	1FTW1E82AFC37178 73,226 miles	5/21/2010 \$ 26,065.86	5									
Unit #459 (Tech) 2010 Ford F150	1FTEX1E81AKE10754 41,023 miles	5/14/2010 \$ 23,704.75	5									
Unit #460 (Survey) 2011 Ford F350 SD	1FD8W3B66BEA79874 87,021 miles	8/4/2010 \$ 39,336.40	5									
Unit #462 (Swatara) 2012 Chevy 4DR Ext.	IGC2KXCG3CZ177243 182,128 miles	12/19/2011 \$ 24,912.00	5	17,000				15,000		15,000		\$17k shown in 2016 for Unit #457
Unit 464 (Conrad) 2008 Ford F150 Ext Cab	IDRPX12VX8FB81383 45,090 miles	6/4/2012 \$ 12,000.00	5									
Unit# 465 (Mechanic) 2012 Chevy Mechanic Truck	1GB3KZCG1CF120836 114,951 miles	10/15/2012 \$ 55,726.00	5			58,000				58,000		consider diesel
Unit #466: (Paul K) 2014 Ford F-150	1FTEX1EM3EKE13609 22,709 miles	04/10/2014 \$ 25,382.88	8									
Unit #467 (Quale) 2007 Ford F-150 4x4 Styleside	1FTPW14V37KC86787 115,419 miles	7/6/2015 \$ 16,997.50	5				24,000			24,000		
Unit #468 (McGrath) 2007 Ford F-150	1FTPX14V37KD14388 97,619 miles	10/6/2015 \$ 17,895.95	5					15,000		15,000		
Unit #469: (Jacobson Shop) 2005 Ford F150	1FTRF145X5NA52845 92,516 miles	3/23/2016 \$ 12,795.75	5					15,000		15,000		
Unit #470 (Palisade Shop) 2006 GMC Sierra 150	1GTEK19B26Z186669 95,434 miles	5/26/2016 \$ 16,867.75	5					15,000		15,000		
Unit #471 (Sign Truck) 2017 Ford F-450 Super Duty	1FOUF4GY5HED18824 23,581 miles	5/12/2017 \$ 47,292.13	5									
Unit #472 2018 Ford F-250 Superduty - Butch	1FT7X2B63JEC64325 5 miles	6/5/2018 \$ 26,631.91	5									
Unit #473 2018 Ford F-250 Superduty - Scott	1FT7X2B61JEC64324 10 miles	6/11/2018 \$ 33,554.41	5									
<b>Total:</b>				\$ 17,000	\$ -	\$ 82,000	\$ 24,000	\$ 101,000	\$ 45,000	\$ 252,000	R&B levy	0.00

**SHOP**

**Aitkin County Highway Department**

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2018	2019	2020	2021	2022	2023	5 YEAR TOTAL	FUNDING SOURCE	COMMENTS
Unit #801: Hydraulic Hoist		04/14/94 \$ 5,458.13	10									
Unit #802: Airco Welder Outfit	DH911005	01/01/80 \$ 1,758.88	10	3,500								
Unit #804: (Aitkin) Pressure Washer	118215	01/01/80 \$ 750.49	10									
Unit #806: John Deere Snowblower	TY0522A003004	01/11/76 \$ 800.00	10									
Unit 807: Sears Portable Generator		03/17/95 \$ 1,124.24	10									
Unit #809: Plasma Cutter		1/12/2007 \$ 2,343.00	4									
Unit #810: Husqvarna Mower	567 hours	5/27/2009 \$ 4,260.00	4			4,000				4,000		
Unit #811: Husqvarna Chop Saw K760		9/11/2013 \$ 1,916.92	4									
<b>Total:</b>				<b>3,500</b>		<b>4,000</b>				<b>4,000</b>		

**TRACTORS**

**Aitkin County Highway Department**

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2018	2019	2020	2021	2022	2023	5 YEAR TOTAL	FUNDING SOURCE	COMMENTS
Unit #350 (Aitkin) John Deer Tractor/Mower	L06430H520378 5,525 hours	4/19/2007 \$ 75,268.00	10					75,000		75,000		
Unit #351: New Holland Tractor Mower	NT01172M 656 hours	10/6/2016 \$ 66,121.56	10									
Unit #366: John Deere Tractor-Loader	4S6575 7,572 hours	06/01/85 \$ 27,895.00	07									
Unit 394: (Palisade) John Deere Tractor/Mower	L06420H392431 6,499 hours	01/29/02 \$ 62,878.12	10	85,000	25,000					25,000		
<b>Total:</b>				<b>\$ 85,000.00</b>	<b>\$ 25,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 75,000.00</b>	<b>\$ -</b>	<b>\$ 100,000.00</b>	<b>R&amp;B levy</b>	



**TRAILERS**

Atkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2018	2019	2020	2021	2022	2023	5 YEAR TOTAL	FUNDING SOURCE	COMMENTS
Unit #028 (Dozer)	5FTDA292871027973	6/21/2006										
Felling Trailer		\$ 15,819.88	8									
Unit #029 (Skid Loader)	1F9FS1425M1072074	05/08/91										
Felling Trailer		\$ 9,400.00	08			8,000.0				8,000		
Unit #031	4P5671213B2160170	4/1/2011										
Survey Trailer		\$ 1,760.25	08									
Unit #032 (McGrath)	5FTDA242321017075	06/07/01										
Felling Trailer		\$ 11,988.86	08					30,000		30,000		
Unit #033	DPWMN890722	01/01/90										
Homemade Culvert Trailer		\$ -	05									
Unit #034 (Jacobson)	2471	06/21/88										
Towmaster Trailer		\$ 10,705.35	08									
Unit #035	DPSMN890723	03/14/86										
Homemade 6X8 Trailer		\$ 100.00	08									
Unit #051 (Trackhoe)	4KNFT2431EL162184	05/30/2014										
Towmaster Trailer T-50		\$ 26,005.96	10									
Unit #52	5NHUVH019FN079008	4/14/2016										
Continental Cargo 6x10 Trailer		\$ 3,243.93	10									
Unit #97 (pipe trailer)	DSPMN890724	03/10/89										
Home Made Trailer		\$ 694.34	08									
<b>Total:</b>				\$ -	\$ -	\$ 8,000.00	\$ -	\$ 30,000.00	\$ -	\$ 38,000.00	R&B levy	
<b>Grand Total Capital Equipment:</b>				\$ 441,600	\$ 495,000	\$ 524,000	\$ 552,800	\$ 568,800	\$ 573,000	\$ 2,713,600		



**McGregor Area Maintenance Facility**

- constructed 1974
- \$60,716 construction cost

DESCRIPTION	PROJ LIFE	2018	2019	2020	2021	2022	2023	5 YEAR TOTAL	FUNDING SOURCE	COMMENTS
Security Cameras		5,000						0		
<b>Total:</b>		\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

**Palisade Area Maintenance Facility**

- constructed 2004
- \$390,865 construction cost

DESCRIPTION	PROJ LIFE	2018	2019	2020	2021	2022	2023	5 YEAR TOTAL	FUNDING SOURCE	COMMENTS
Security Cameras		5000						-		
Cold Storage Building				30000	30000			60,000		
<b>Total:</b>		\$ 5,000	\$ -	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ 60,000		

**Swatara Area Maintenance Facility**

- constructed 2006
- \$408,807 construction cost

DESCRIPTION	PROJ LIFE	2018	2019	2020	2021	2022	2023	5 YEAR TOTAL	FUNDING SOURCE	COMMENTS
Security Cameras		5,000						-		
Heating System Mods			30,000					30,000		
<b>Total:</b>		\$5,000	\$30,000	\$0	\$0	\$0	\$0	\$30,000		
<b>Grand Total Capital Facilities:</b>		\$130,000	\$130,000	\$130,000	\$130,000	\$100,000	\$0	\$490,000		

## Highway Department Capital Infrastructure Budget Fund 307

	2016 Actual	2017 Actual	Adopted 2018 Budget	2018 As of 5-31-18	Proposed 2019 Budget
<b>Revenue:</b>					
5001 Taxes, Aids, etc.	600,000	600,000	600,000		600,000
5840 Misc. Receipts	24,533	-	-	102,750	-
5841 Federal Transportation Funds	-	-	982,000	-	124,000
5842 State Park Funds	(3,105)	-	-	-	-
5844 State-aid Disaster Funds	-	-	-	-	-
5846 Town Bridge Funds	-	17,619	52,000	86,826	40,000
5848 State Bonding Funds	3,600	-	-	-	-
5849 LRIP (Local Road Improvement Funds)	-	-	-	-	-
5850 State-aid Regular Construction Funds	2,553,305	2,924,199	3,540,600		3,401,000
5851 State-aid Municipal Construction Funds	-	186,972	184,000	-	20,000
5854 Township/City/Private/Other Funds	57,200	20,000	-		
5864 Trunk Highway Turnback	3,610,951	-	2,700,000	-	70,000
5865 DEED Money	-	-	-	-	-
5947 Transfer In	-	-	-	-	-
<b>Total Revenue:</b>	<b>\$ 6,846,484</b>	<b>\$ 3,748,789</b>	<b>\$ 8,058,600</b>	<b>\$ 189,576</b>	<b>\$ 4,255,000</b>
<b>Expenditures:</b>					
6230 Printing and Publishing	270	520	600		1,000
6260 Professional Services	123,755	71,935	136,000	22,999	120,000
6262 Contract Payments	6,714,097	4,979,771	8,317,000	85,499	3,574,000
6295 Utility Moves	-	140,848	40,000		30,000
6362 Right of Way	8,726	62,389	-	11,675	50,000
<b>Total Expenditures:</b>	<b>\$ 6,846,848</b>	<b>\$ 5,255,463</b>	<b>\$ 8,493,600</b>	<b>\$ 120,172</b>	<b>\$ 3,775,000</b>

Notes: Revenue line item 5001 based on proposed 2019-2023 Capital Road Improvement Program average per year.

2019 Disbursements						2019 Receipts										Notes
Project	Printing and Publishing	Professional Services	Contract Payments	Utility Moves	Right of Way	Property Tax Revenue	Federal Transportation Funds	State Park Funds	State-aid Disaster Funds	Town Bridge Funds	State Bond Funds	State-aid Regular Construction	State-aid Municipal Construction	Township/City/State/Other Funds		
<b>2018 Projects</b>																
C.P. 001-053-003		\$ 10,000	\$ 110,000			\$ 120,000										
S.A.P. 001-599-040			\$ 40,000							\$ 40,000						
S.A.P. 001-608-006			\$ 20,000										\$ 20,000			
S.A.P. 001-612-021/022			\$ 300,000									\$ 300,000				
S.A.P. 001-632-006			\$ 15,000									\$ 15,000				
<b>2019 Projects</b>																
S.A.P. 001-603-018		\$ 20,000			\$ 50,000										70000	TB revenue received in 2012 as lump sum
S.A.P. 001-605-013	\$ 200		\$ 169,000									\$ 169,200				
S.A.P. 001-616-???	\$ 200	\$ 20,000	\$ 1,354,000									\$ 1,374,200				
S.A.P. 001-625-001	\$ 200	\$ 5,000	\$ 1,428,000	\$ 30,000								\$ 1,463,200				
S.P. 001-070-006	\$ 200											\$ 200				
C.P. 001-076-001																
S.P. 001-072-001	\$ 200		\$ 138,000				\$ 124,000					\$ 14,200				
<b>Future Projects</b>																
S.A.P. 001-599-042		\$ 5,000										\$ 5,000				
S.A.P. 001-605-???		\$ 30,000										\$ 30,000				
S.P. 001-611-???		\$ 30,000										\$ 30,000				
<b>Totals:</b>	\$ 1,000	\$ 120,000	\$ 3,574,000	\$ 30,000	\$ 50,000	\$ 120,000	\$ 124,000	\$ -	\$ -	\$ 40,000	\$ -	\$ 3,401,000	\$ 20,000	\$ 70,000		

Notes: Total professional service expenditures for a given project are listed in first anticipated year of the expenditure.  
Total right of way expenditures for a given project are listed in first anticipated year of the expenditure.  
Total contract, utility move, and printing and publishing expenditures are all listed in anticipated year of contract letting.

**Proposed 2019 through 2023 Capital Road Improvement Plan (\*\*indicates projects from '05-'11 Program)**

	Length	Location	Pavement Age/RQI	Estimated Construction Cost
<b>2018</b>				
S.P. 001-606-021 - CSAH 6 Pavement Resurfacing	5.1	TH 65 to 5.1 miles east	1991/2.2-2.3 ('17)	\$ 1,100,000
S.A.P. 001-612-021/022 - CSAH 12 Pavement Resurfacing/Reconstruction	4.7	375th Ave to n jct. CSAH 39	1990-1999/1.9-2.6 ('17)	\$ 2,500,000
S.A.P. 001-608-006 - CSAH 8 Pavement Resurfacing	0.9	TH 210 to Soo Line Railroad	2002/1.8 ('17)	\$ 200,000
**S.A.P. 001-632-006 - CSAH 32 Bituminous Paving	3.3	CSAH 6 to CSAH 31		\$ 825,000
**C.P. 001-653-003 - CR 53 Bituminous Paving/Overlay	3.23	CSAH 4 to CSAH 5		\$ 800,000
				\$ <b>5,425,000</b>
<b>2019</b>				
S.A.P. 001-603-018 - CSAH 3 Reconstruction	3.2	6 miles east of CSAH 5 to TH 65	2001/1.7-1.8 ('17)	\$ 2,700,000
S.A.P. 001-605-013 - CSAH 5 Bridge (Culvert) Replacement	0.1	CSAH 5 over Fleming Lake inlet		\$ 168,700
S.A.P. 001-616-??? - CSAH 16 Pavement Resurfacing	8.9		1993/2.2-2.5 ('17)	\$ 1,353,500
**S.A.P. 001-625-001 - CSAH 25 Reconstruction (Grading and Agg. Base)	3.3			\$ 1,427,700
C.P. 001-076-001 - CR 76 Culvert Replacements				\$ 300,000
S.P. 001-070-006 - HSIP Intersection Lighting				\$ 114,000
S.P. 001-072-001 - HSIP Pavement Markings				\$ 138,000
			<b>Total:</b>	\$ <b>6,201,900</b>
<b>2020</b>				
CSAH 3 Resurfacing	4.15	CSAH 29 to US Hwy 169	1996/2.6 ('17)	\$ 500,000
CSAH 9 Resurfacing	0.82		2003/2.2-2.4 ('17)	\$ 100,000
CSAH 10 Resurfacing	2.25	TH 200 to Itasca County Line	2003/2.5-2.6 ('17)	\$ 340,000
**CSAH 25 Bituminous Paving	3.3			\$ 1,050,000
CR 70 Resurfacing	1.08		2002/1.4-1.5 ('17)	\$ 150,000
CR 76 Pavement Resurfacing	2.82		1999/2.7 ('17)	\$ 300,000
CR 79 Resurfacing	0.48		2003/2.0-2.1 ('17)	\$ 70,000
			<b>Total:</b>	\$ <b>2,510,000</b>
<b>2021</b>				
CSAH 5 Reconstruction (Grading and Agg. Base)	4.7	CR 53 to TH 210		\$ 2,500,000
CSAH 5 Bridge Replacement	0.1	CSAH 5 over Rice River		\$ 500,000
CSAH 14 Bridge Replacement	0.2	CSAH 14 over Savanna River		\$ 281,200
CSAH 27 Gravel Road Improvement	6.6			\$ 1,000,000
			<b>Total:</b>	\$ <b>4,281,200</b>
<b>2022</b>				
CSAH 5 Bituminous Paving	4.7	CR 53 to TH 210		\$ 1,100,000
CSAH 11 Widening/Resurfacing	3.2		2003/3.1-3.3 ('17)	\$ 2,300,000
CSAH 17 Resurfacing	7.1		1997/3.1 ('17)	\$ 800,000
CR 77W Resurfacing	1.04		1999/2.3 ('17)	\$ 150,000
HSIP Pavement Markings				\$ 230,000
			<b>Total:</b>	\$ <b>4,580,000</b>
<b>2023</b>				
CSAH 14 Resurfacing	1.88	2.3 miles NE of TH 65 to CSAH 40	2001/3.4-3.6 ('17)	\$ 250,000
CSAH 14 Reconstruction	1.92	CSAH 40 to CSAH 36	2001/3.1-3.4 ('17)	\$ 850,000
CSAH 14 Resurfacing	4.44	CSAH 36 to State Park	2001/2.8-3.2 ('17)	\$ 500,000
CSAH 31 Resurfacing	3.53		2002/2.4-2.5 ('17)	\$ 500,000
CSAH 40 Resurfacing	4.9		2002/3.0-3.1 ('17)	\$ 520,000
CR 62 Reconstruction (Grading and Agg. Base)	1.36	435th Street to CR 71		\$ 500,000
CR 71 Reconstruction (Grading and Agg. Base)	1			\$ 370,000
			<b>Total:</b>	\$ <b>3,490,000</b>