



HIGHWAY 710

BUDGET SUMMARY AND HIGHLIGHTS:

The proposed 2018 Highway budget is \$5,596,000. Revenues are estimated at \$3,763,346. This includes \$1,832,654 in levy, \$184,611 in unreimbursed flood revenues (to be levied) and \$1,500,000 general fund transfer. This budget represents a level budget with 2017. The levy contribution is down 12.5% (\$289k) BUT the County transfer to Highway is up \$422,000. Paving of the Mason Garage (\$80,000) was removed from the budget due to funding. Highway is working on a formal plan for the project. Highway Focus in 2018 will be M and N depending state and federal funding.

2018 BAYFIELD COUNTY HIGHWAY BUDGET

EXPENSES

COUNTY TRUNK ROADS		
ROUTINE MAINTENANCE	\$	932,000
WINTER MAINTENANCE		826,000
ADMINISTRATION		400,000
INTERDEPARTMENTAL		25,000
TRANSFER TO MACHINERY FUND		637,000
CTH CONSTRUCTION		1,500,000
CTH F BRIDGE		80,000
CAPITAL IMPROVEMENT PROJECTS		
PAVE MASON SHOP PARKING LOT		85,000
STATE MAINTENANCE		<u>1,196,000</u>
TOTAL EXPENSES	\$	5,681,000

REVENUES

TAX LEVY FOR COUNTY ROADS	\$	1,500,000
TAX LEVY FOR EQUIPMENT		637,000
TAX LEVY FOR ADMINISTRATION		214,000
RECORDS AND REPORTS		186,000
GENERAL TRANSPORTATION AIDS (STATE)		600,000
INTERDEPARTMENTAL		25,000
GENERAL FUND PAVING (6 MILES)		1,323,000
STATE REQUISITIONS		<u>1,196,000</u>
TOTAL REVENUES	\$	5,681,000

ROUTINE MAINTENANCE

Routine Maintenance includes all of the activities necessary to maintain a safe county system. Activities do not include winter maintenance or construction.

Included in routine maintenance are patching, mowing, culvert replacement, cracksealing, woody vegetation, shoulder maintenance and pavement marking.

Final trial balances from ChemsPro show the historical costs as:

2013	2014	2015	2016	2017 (Projected)
\$833,403	\$703,065	\$611,910	\$926,027	\$832,080

WINTER MAINTENANCE

Winter maintenance includes all of the activities necessary to maintain safe winter driving conditions. Final trial balances from ChemsPro show historical costs as:

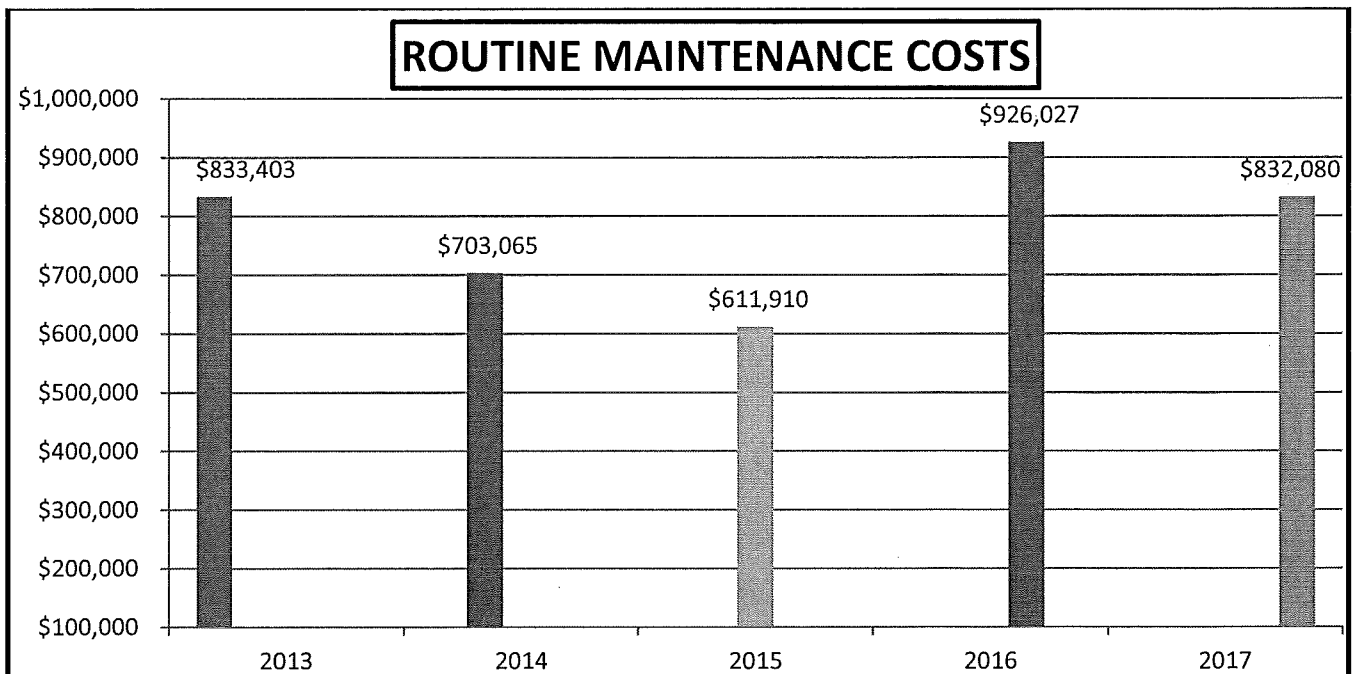
2013	2014	2015	2016	2017 (Projected)
\$951,681	\$859,620	\$654,893	\$893,565	\$728,234

COMBINED ROUTINE AND WINTER MAINTENANCE

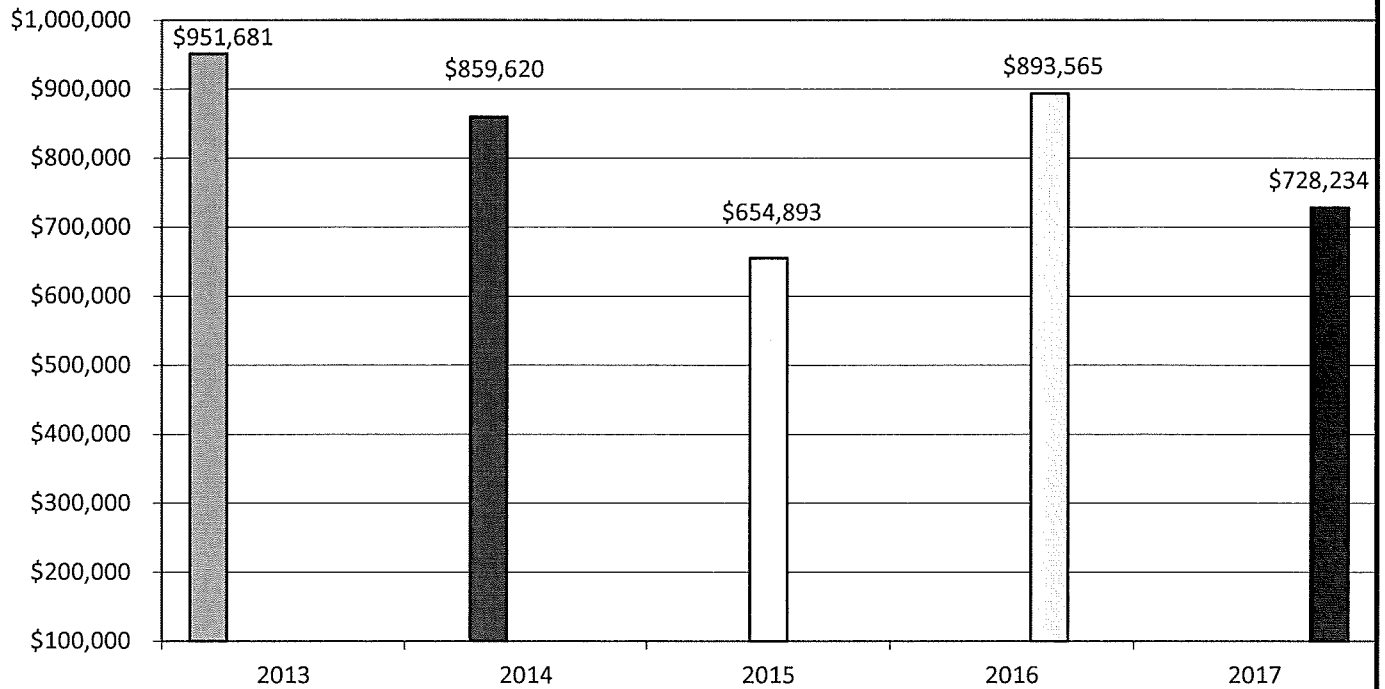
Typically, winter is the driving factor. High winter maintenance will result in a low routine maintenance, i.e. we will not be crackfilling if we're plowing.

	2013	2014	2015	2016	2017 (Projected)
ROUTINE	\$833,403	\$703,065	\$ 611,910	\$ 926,027	\$ 832,080
WINTER	<u>951,681</u>	<u>859,620</u>	<u>654,893</u>	<u>893,565</u>	<u>728,234</u>
COMBINED	\$1,785,084	\$1,562,685	\$1,266,803	\$1,819,592	\$1,560,314

Routine and winter maintenance for 2018 are at 2017 levels.

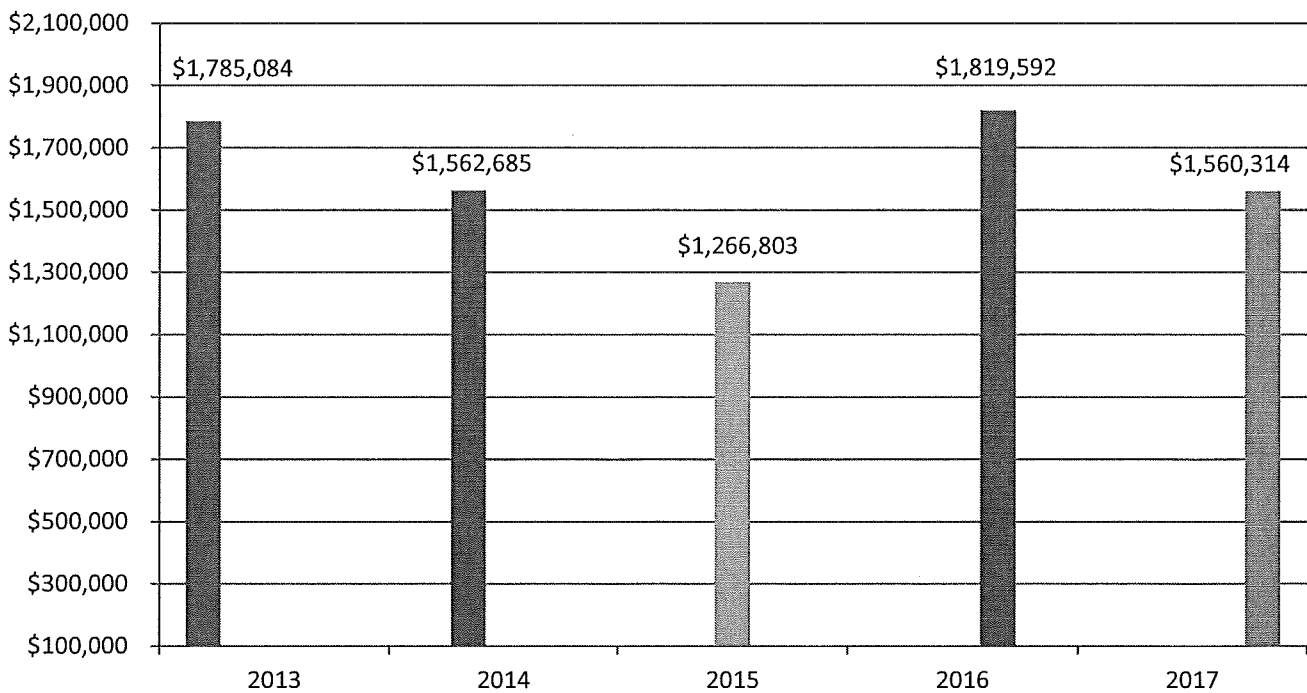


WINTER MAINTENANCE COSTS



Routine and winter maintenance includes all of the activities necessary to maintain safe driving conditions. Final trial balances from ChemsPro show historical costs.

COMBINED ROUTINE AND WINTER MAINTENANCE COSTS



ADMINISTRATION

Administration costs are projected to remain at 2017 levels.

MACHINERY

The 2018 budget continues with the purchase of 3 patrol trucks, providing for the replacement of equipment before repair costs exceed revenues. An updated 5 year plan follows. Sales of equipment are included as an estimated line item in the budget.

5 YEAR PLAN

2018

(3) Patrol Trucks - Replace (1) 2008 and (2) 2009 models	550k
(1) Pickup (will replace #25)	30k
(2) 12' Fixed Plows	17k
Unanticipated	<u>15k</u>
	612k

2019

(2) Patrol Trucks - Replace (2) 2009 models	375k
(1) Grader (used) – Replace #232 (Iron River 11,000 hrs)	220k
(2) 12' Fixed Plows	20k
Unanticipated	<u>15k</u>
	630k

2020

(2) Patrol Trucks - Replace (1) 2009 & (1) 2010 models	400k
(1) Semi Tractor – Replace #18	200k
(2) 12' Fixed Plows	<u>20k</u>
	620k

2021

(2) Patrol Trucks - Replace (1) 2010 & (1) 2011 models	405k
(1) Chipper – Replace #313 (1990)	130k (?)
(2) ¾ ton 4x4 Reg. Cab Pickup Trucks – Replace (1) 2008 & (1) 2012 models	70k
(1) 12' Fixed Plow	10k
(1) 12' Reversible Plow	<u>13k</u>
	628k

2022

2 Patrol Trucks – Replace (1) 2011 & (1) 2013 models	405k
3 Crew Pickup Trucks – Replace (1) 2012 & (1) 2013 models	100k
2 12' Fixed Plows	20k
1 Quad Axle Dump Truck – Replace (1) 1996 model	<u>150k</u>
	675k

Other equipment not on schedule:

#59	1996	344,000 mi	Quad Axle Dump
#60	1996	261,000 mi	Quad Axle Dump
#61	1997	291,000 mi	Quad Axle Dump
#62	2006	133,000 mi	Tri Axle Dump

#380	2005	Rebuilt 2X's	Sweepster Broom
#36	2006	88,000 mi	Broom Truck (New motor)
#18T	1994		Equipment trailer
#50	2001	91,000 mi	Baby dump
#231	1993	6550 hours	Grader
#233	2006	6900 hours	Grader (bought used 2006 w/4300 hours)
#382	2007	4100 hours	Excavator

2018 Sell: (3) Patrol Trucks
#52 2008 102,000 miles
(2) 2009 models 85,000 + / - miles each
(1) 2005 Model Pickup Trk
#30 140,000 miles

BUDGET DETAIL - PICKUP TRUCKS CURRENTLY IN USE 08/2017

YEAR	TRUCK NUMBER	MILEAGE
2001	50 (1-ton)	91,000
2002	83 (shop truck)	99,000
2005	30	140,000
2006	25	100,000
2008	22	117,000
2012	20	53,000
2012	21	67,000
2013	15	64,000
2013	16	60,000
2015	12	26,000
2016	26	16,000
2017	84	New
2017	85	New
2017	87	New

BUDGET DETAIL - PATROL TRUCKS CURRENTLY IN USE 08/2017

YEAR	TRUCK NUMBER	MILEAGE
2008	52	102,000
2009	63	82,000
2009	64	81,000
2009	65	84,000
2009	68	91,000
2010	69	78,000
2010	70	87,000
2011	44	71,000
2011	45	71,000
2013	49	51,000
2013	56	41,000
2014	72	32,000
2014	82	32,000
2015	34	16,000
2015	35	18,000
2016	33	11,000
2016	32	11,000

2017	95	New
2017	96	New

BUDGET DETAIL – EQUIPMENT - HEAVY HAUL 08/2017

YEAR	TRUCK NUMBER	MILEAGE
1996	59 (quad)	344,000
1996	60 (quad)	261,000
1997	61 (quad)	291,000
1999	18 (tractor)	433,000
2007	62 (tri)	133,000
2015	73 (quad)	30,000
2015	75 (quad)	30,000

BUDGET DETAIL – EQUIPMENT – SUPERVISORY PICKUPS 08/2017

YEAR	TRUCK NUMBER	MILEAGE
2010	1B (Commissioner)	80,000
2017	2D (Patrol Superintendent)	New
2012	2C (Shop Foreman)	133,000

CTH CONSTRUCTION

At an average cost of \$250,000 / mile to reconstruct a typical county highway, we are expending \$1,500,000 for the reconstruction of an estimated 6 miles of highway.

The 5.09 mile section of CTH M (Frels Rd – CTH D) was again submitted as a candidate for a 2017-2020 Federal Lands Access Project. No federal commitment has been made to date.

The 5.4 miles of CTH M (Spruce Road – Frels Road) was submitted as a candidate for a 2017-2020 Surface Transportation Program (STP). No federal commitment has been made to date.

Noting the variable rates of highway deterioration and tentative federal approvals, the 5 Year Improvement / Priority Plan will be adjusted accordingly.

**BAYFIELD COUNTY HIGHWAY DEPARTMENT
5 YEAR IMPROVEMENT / PRIORITY PLAN**

2018	CTH M (Frels Road – CTH D)	5.5 miles
2019	CTH M (USH 63 – Frels Road)	5.5 miles
2020	CTH N (STH 27 – CTH A)	5.6 miles
2021	CTH E (USH 63 – County Line)	6.2 miles
2022	CTH A (CTH B – East Fay Road)	8.8 miles

BRIDGES

Bridge B-04-0019, CTH F / South Fish Creek has also been approved for an 80/20 Federal Aid redeck. The bridge was tentatively scheduled for 2017 but was moved back to 2018 by WisDOT. Total costs to the County are estimated at \$80,000.

CAPITAL IMPROVEMENT PROJECTS

The department will pave the Mason satellite shop parking lot in conjunction with the Village's street improvement project.

STATE MAINTENANCE

Bayfield County contracts with the Wisconsin Department of Transportation to provide maintenance services on State trunk highways. Essentially a "put and take" line item, the agreement does provide funding for labor, equipment, administration and facilities.



Highway 710

Budget Year 2018

Account	Account Description	2015 Actual Amount	2016 Actual Amount	2017 Adopted Budget	2017 Estimated Amount	2018 Department	2018 Administrator	2018 Admin/2017 Adopted
Fund 710 - Highway								
REVENUE								
41110	General Property Taxes	2,302,709.00	2,306,109.00	2,241,095.00	2,241,095.00	1,832,654.00	2,017,265.00	90
43531	St Grant-Local Transp Aid	579,040.52	573,870.41	587,600.00	587,600.00	600,000.00	600,000.00	102
43532	St Grant-Flood Damage	.00	.00	.00	164,365.00	.00	.00	
46330	Other Road Related Revenue	3,082.80	.00	.00	.00	.00	.00	
47100	Fed Intergovernmental Charges	223.76	.00	.00	.00	.00	.00	
47210	State Intergov Chgs-Non-Transp	173.96	.00	.00	.00	.00	.00	
47231	State-Gen Maint	1,014,159.97	1,328,636.55	1,122,300.00	1,178,311.00	1,196,000.00	1,196,000.00	107
47232	State Road & Bridge Const	34,564.06	3,809.62	.00	.00	.00	.00	
47233	State -Other	53,347.75	61,367.77	177,027.00	.00	.00	.00	
47234	Administrative Support	49,912.62	63,813.03	186,000.00	.00	186,000.00	186,000.00	100
47235	Salt Storage (State)	25,373.97	6,885.61	.00	.00	.00	.00	
47236	Radio Costs (State)	3,079.24	3,022.66	.00	.00	.00	.00	
47237	GPL Insurance	10,188.98	11,317.81	.00	.00	.00	.00	
47238	Bldg Storage Costs	53,312.27	63,106.19	.00	.00	.00	.00	
47239	Local Road Improv Prog	77,796.58	6,846.19	.00	.00	.00	.00	
47330	Local Government Revenue	98,699.85	96,343.70	.00	.00	.00	.00	
47410	Local Depts	38,310.07	39,489.70	25,000.00	.00	25,000.00	25,000.00	100
48310	Gain (Loss) Sale-Small Fxd Asset	(228.25)	.00	.00	.00	.00	.00	
48905	Performance Based Maintenance	121,289.90	111,462.99	.00	.00	.00	.00	
49201	Transfer from Other Funds	1,100,000.00	1,078,291.00	1,078,578.00	.00	1,500,000.00	1,500,000.00	139
49301	Fund Balance Applied	.00	.00	199,700.00	.00	341,346.00	71,735.00	36
49401	Sale of Larger \$Gen Fixed Assets	103,163.25	.00	.00	.00	.00	.00	
REVENUE TOTALS		\$5,668,200.30	\$5,754,372.23	\$5,617,300.00	\$4,171,371.00	\$5,681,000.00	\$5,596,000.00	100%
EXPENSE								
50111	Department Head	68,856.48	71,140.48	.00	.00	.00	.00	
50121	Full Time	897,039.90	955,490.74	550,000.00	.00	.00	.00	
50123	Temporary Employee	29,748.50	29,733.68	.00	.00	.00	.00	
50130	Funeral Leave	1,164.16	1,145.52	.00	.00	.00	.00	
50131	Sick Leave Pay	37,176.85	32,562.82	.00	.00	.00	.00	
50132	Vacation Pay	75,786.04	66,834.22	.00	.00	.00	.00	
50135	Overtime	64,225.44	114,787.56	.00	.00	.00	.00	
50138	Holiday Pay	47,303.92	49,791.04	.00	.00	.00	.00	
50139	Workers Compensation	.00	399.32	.00	.00	.00	.00	
50140	Per Diem	2,850.00	1,787.50	.00	.00	.00	.00	
50151	Fica/Medicare	89,762.41	96,382.30	.00	.00	.00	.00	
50152	Co. Share Retirement	79,892.55	84,529.89	.00	.00	.00	.00	
50154	Health Insurance	286,618.58	319,552.13	.00	.00	.00	.00	
50155	Life Insurance	731.50	734.05	.00	.00	.00	.00	
50156	HRA	145,400.00	134,700.00	.00	.00	.00	.00	

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Highway 710

Budget Year 2018

Account	Account Description	2015 Actual Amount	2016 Actual Amount	2017 Adopted Budget	2017 Estimated Amount	2018 Department	2018 Administrator	2018 Admin/2017 Adopted
Fund 710 - Highway								
EXPENSE								
50158	Unemployment Compensation	.00	5,550.00	.00	.00	.00	.00	
50191	Administrative Expenses	.00	.00	3,287,300.00	.00	3,121,000.00	3,121,000.00	95
50213	Medical Fees	920.59	756.40	.00	.00	.00	.00	
50220	Utilities	57,490.08	44,006.98	.00	.00	.00	.00	
50225	Telephone	8,419.98	8,404.22	.00	.00	.00	.00	
50240	Repair & Maintenance	62,733.95	19,319.54	.00	.00	.00	.00	
50290	Contractual Services	1,007,839.15	1,641,469.94	50,000.00	.00	85,000.00	.00	
50310	Office Supplies	9,721.43	11,367.82	.00	.00	.00	.00	
50311	Postage	1,070.98	1,132.95	.00	.00	.00	.00	
50312	Stationery & Forms	.00	442.00	.00	.00	.00	.00	
50313	Printing & Duplication	262.49	4,263.44	.00	.00	.00	.00	
50315	Advertising	859.29	404.00	.00	.00	.00	.00	
50320	Publication,Subscriptions & Dues	347.17	374.00	.00	.00	.00	.00	
50325	Registration Fees & Tuition	3,943.95	1,422.34	1,800.00	.00	.00	.00	
50332	Mileage	1,125.34	684.45	.00	.00	.00	.00	
50335	Meals	259.70	380.01	24.00	.00	.00	.00	
50336	Lodging	1,015.30	1,030.54	.00	.00	.00	.00	
50340	Operating Supplies	15,476.78	21,745.01	.00	.00	.00	.00	
50346	Uniform & Boot Allowance	.00	1,236.54	.00	.00	.00	.00	
50347	Tool Allowance	758.00	992.00	.00	.00	.00	.00	
50350	Repair & Maintenance Supplies	484,946.54	478,786.15	.00	.00	80,000.00	80,000.00	
50351	Fuel	260.31	94.64	.00	.00	.00	.00	
50352	Oil, Grease, Anti-Freeze	185.11	.00	.00	.00	.00	.00	
50353	Trail Maintenance and Development	916.61	3,794.76	.00	.00	.00	.00	
50356	Sundry Items	2,618.21	14,783.25	.00	.00	.00	.00	
50360	Other Repairs & Maint Supplies	71,695.44	46,849.62	.00	.00	826,000.00	826,000.00	
50363	Signs & Posts	3,776.38	7,211.40	.00	.00	.00	.00	
50365	Culverts & Supplies	5,471.25	82,463.27	.00	.00	.00	.00	
50366	Erosion Control	68,695.06	35,254.25	.00	.00	.00	.00	
50372	Sand & Gravel	42,723.09	29,705.70	.00	.00	.00	.00	
50373	Salt	343,264.40	380,375.11	.00	.00	.00	.00	
50375	Asphalt	31,571.65	13,055.03	.00	.00	.00	.00	
50377	Construction/Maintenance Supplies	1,285.09	307.76	.00	.00	932,000.00	932,000.00	
50379	Other Road Supplies	155,122.69	191,183.67	.00	.00	.00	.00	
50396	Clothing Allowance	6,725.34	5,107.88	.00	.00	.00	.00	
50510	Insurance	46,930.68	46,142.90	.00	.00	.00	.00	
50512	Insurance on Vehicles	13,469.65	16,856.92	.00	.00	.00	.00	
50530	Rents & Leases	80.07	320.28	.00	.00	.00	.00	
50531	Rental	.00	10,459.03	.00	.00	.00	.00	

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Highway 710

Budget Year 2018

Account	Account Description	2015 Actual Amount	2016 Actual Amount	2017 Adopted Budget	2017 Estimated Amount	2018 Department	2018 Administrator	2018 Admin/2017 Adopted
Fund 710 - Highway								
EXPENSE								
50810	Capital Equipment	(25,799.42)	(41,952.54)	522,000.00	.00	.00	.00	
50900	Cost Allocations	50,431.54	349,415.34	375,045.00	.00	.00	.00	
50920	Field Small Tools Cost Allocations	13,404.38	39,698.96	52,727.00	.00	.00	.00	
50940	Machinery & Equip Cost Allocation	239,909.25	284,678.19	490,228.00	.00	637,000.00	637,000.00	130
50982	Material Cost Allocation	(134,150.13)	194,432.59	288,176.00	.00	.00	.00	
	EXPENSE TOTALS	\$4,422,333.70	\$5,913,577.59	\$5,617,300.00	\$0.00	\$5,681,000.00	\$5,596,000.00	100%
Fund 710 - Highway Totals								
	REVENUE TOTALS	\$5,668,200.30	\$5,754,372.23	\$5,617,300.00	\$4,171,371.00	\$5,681,000.00	\$5,596,000.00	100%
	EXPENSE TOTALS	\$4,422,333.70	\$5,913,577.59	\$5,617,300.00	\$0.00	\$5,681,000.00	\$5,596,000.00	100%
Fund 710 - Highway Totals								
	Net Grand Totals	\$1,245,866.60	(\$159,205.36)	\$0.00	\$4,171,371.00	\$0.00	\$0.00	+++
Net Grand Totals								
	REVENUE GRAND TOTALS	\$5,668,200.30	\$5,754,372.23	\$5,617,300.00	\$4,171,371.00	\$5,681,000.00	\$5,596,000.00	100%
	EXPENSE GRAND TOTALS	\$4,422,333.70	\$5,913,577.59	\$5,617,300.00	\$0.00	\$5,681,000.00	\$5,596,000.00	100%
	Net Grand Totals	\$1,245,866.60	(\$159,205.36)	\$0.00	\$4,171,371.00	\$0.00	\$0.00	+++

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