



HIGHWAY 710

BUDGET SUMMARY AND HIGHLIGHTS:

The 2019 Highway Budget includes \$5,892,043 in expenditures and \$4,059,389 in revenues. The Levy of \$1,832,654 is a 9.2% decrease from 2018.

The Highway Fund is budgeted to receive \$1,832,654 in tax levy and \$1,500,000 in road reconstruction dollars. In order to balance the budget, paving of two parking lots (\$120,000) and a quad axle dump/or equivalent (\$150,000) was removed from the budget.

The budget currently uses \$80,646 in Highway Fund Balance. The January 1, 2018 cash balance was: \$974,000.

2019 BAYFIELD COUNTY HIGHWAY BUDGET

EXPENSES

COUNTY TRUNK HIGHWAYS		
ROUTINE MAINTENANCE	\$	825,411
WINTER MAINTENANCE		842,522
CTH CONSTRUCTION PROJECTS		
CTH M – FLAP PROJECT		1,045,000
CTH F – BRIDGE – STP PROJECT		183,273
ADMINISTRATION		459,447
BUILDINGS & GROUNDS		
UTILITIES & MAINTENANCE		124,341
CAPITAL IMPROVEMENTS		70,000
SHOP OPERATIONS		324,046
ACQUISITION OF CAPITAL ASSETS		580,183
INTERDEPARTMENTAL		25,000
LOCAL GOVERNMENTS & DEPARTMENTS		93,720
STATE MAINTENANCE & PROJECTS		1,319,100
TOTAL EXPENSES	\$	5,892,043

REVENUES

TAX LEVY FOR COUNTY ROADS	\$	1,832,654
GENERAL FUND TRANSFER		1,500,000
RECORDS AND REPORTS		167,917
GENERAL TRANSPORTATION AIDS (STATE)		764,726
INTERDEPARTMENTAL		35,000
LOCAL DEPTS/GOVTS		85,000

FUND BALANCE	80,646
SALE OF EQUIPMENT	107,000
STATE REQUISITIONS	1,219,100
STATE PBM	<u>100,000</u>
TOTAL REVENUES	\$ 5,892,043

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:

2014	2015	2016	2017	2018 (Projected)
\$703,065	\$611,910	\$926,027	\$885,001	\$1,500,000**

** (The 2018 projected cost reflect the floods).

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:

2014	2015	2016	2017	2018 (Projected)
\$859,620	\$654,893	\$893,565	\$841,660	\$812,435

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.

	2014	2015	2016	2017	2018 (Projected)
ROUTINE	\$ 703,065	\$ 611,910	\$ 926,027	\$ 885,001	\$1,500,000
WINTER	<u>859,620</u>	<u>654,893</u>	<u>893,565</u>	<u>841,660</u>	<u>812,435</u>
COMBINED	\$1,562,685	\$1,266,803	\$1,819,592	\$1,726,661	\$2,312,435

Routine and winter maintenance for 2019 are at 2018 levels.

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

ADMINISTRATION

Administration costs are projected to remain at 2018 levels.

MACHINERY

The 2019 budget includes the purchase of 2 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

2019

(2) Single Axle Patrol Trucks (will replace (2) 2009 models)	375k
(2) ¾ Ton Pickup Trucks (will replace 1-2006 & 1-2008 model)	70k
(2) 12' Fixed Plows	20k
(1) Quad Axle Dump Truck (will replace (1) 1996 model)	150k
(1) Lowboy Trailer (will replace 18T)	100k
Unanticipated	<u>15k</u>
	730k

2020

(2) Single Axle Patrol Trucks (will replace (1) 2009 & 1 2010 models)	400k
(1) Semi Tractor (will replace #18)	200k
(1) Quad Axle Dump Truck (will replace 1996 model)	153k
(2) 12' Fixed Plows	20k
Unanticipated	<u>15k</u>
	788k

2021

(2) Single Axle Patrol Trucks (will replace (1) 2010 & (1) 2011 models)	405k
(1) Quad Axle Dump Truck (will replace 1997 model)	156k
(1) Chipper (will replace #313 1990 model)	130k
(2) ¾ Ton 4x4 reg. cab Pickup Trucks (replace (1)2008 & (1) 2012 models)	70k
(1) 12' Reversible Plow	13k
(1) 12' Fixed Plow	<u>10k</u>
	784k

2022

(2) Single Axle Patrol Trucks (will replace (1) 2011 & (1) 2013 models)	410k
(1) Quad Axle Dump Truck (will replace 2007 model tri-axle, problem prone)	159k
(3) Crew Pickup Trucks – (will replace (1) 2012 & (2) 2013 models)	100k
(1) 1 ½ Ton Pickup (will replace #50 baby dump)	75k
(2) 12' Fixed Plow	<u>20k</u>
	764k

2023

(2) Patrol Trucks – (will replace (1) 2013 & (1) 2014 models)	415k
(2) ¾ Ton 4x4 reg. cab Pickup Trucks (will replace (1) 2013 & (1) 2014 models)	70k
(2) 12' Fixed Plows	20k
(1) Excavator (will replace #382 2007 model)	<u>235k</u>
	740k

Other equipment not on schedule:

#380	2005	Rebuilt 2x's	Sweepster Broom
#36	2006	92,238 mi	Broom Truck (Newer motor)
#231	1993	6686 hours	Grader
#233	2006	7100 hours	Grader (bought used 2006 w/4300 hours)
#234	2013	1059 hours	Grader (bought used 2018 w/988 hours)

2018 Sell:

- (3) Single Axle Patrol Trucks
 - #52 2008 107,316 miles
 - (2) 2009 models 90,000 +/- miles each
- (1) 2010 model Pickup Truck
 - #1B 86,605 miles (engine and drive train issues)

2019 Sell:

- (2) Single Axle Patrol Trucks 2009 models
 - 94,000 +/- miles each
- (2) ¾ Ton Pickup Trucks
 - #25 2006 model 107,000 +/- miles (falling apart)
 - #22 2008 model 128,000 +/- miles (worn out)
- (1) Quad Axle Dump Truck
 - #59 1996 model 355,000 +/- miles
- (1) Lowboy Trailer
 - #18T 1994 model (worn out)

BUDGET DETAIL - PICKUP TRUCKS CURRENTLY IN USE 07/2018

YEAR	TRUCK NUMBER	MILEAGE
2001	50 (1-ton)	92,049
2002	83 (shop truck)	102,805
2006	25	106,656
2008	22	124,895
2012	20	59,638
2012	21	80,408
2013	15	75,206
2013	16	70,218

2015	12		34,308
2016	26		28,692
2017	84		10,621
2017	85		13,653
2017	87		10,423
2018	14	Ordered	

BUDGET DETAIL - PATROL TRUCKS CURRENTLY IN USE 07/2018

YEAR	TRUCK NUMBER		MILEAGE
2008	52		107,316
2009	63		89,738
2009	64		89,962
2009	65		90,171
2009	68		98,867
2010	69		88,469
2010	70		96,387
2011	44		82,426
2011	45		78,320
2013	49		58,109
2013	56		48,996
2014	72		44,853
2014	82		43,340
2015	34		27,463
2015	35		28,438
2016	33		19,999
2016	32		22,074
2017	95		9,749
2017	96		9,368
2018	79	Ordered	
2018	80	Ordered	
2018	81	Ordered	

BUDGET DETAIL – EQUIPMENT - HEAVY HAUL 07/2018

YEAR	TRUCK NUMBER	MILEAGE
1996	59 (quad)	352,678
1996	60 (quad)	274,272
1997	61 (quad)	305,477
1999	18 (tractor)	438,406
2007	62 (tri)	141,478
2015	73 (quad)	49,974
2015	75 (quad)	48,718

BUDGET DETAIL – EQUIPMENT – SUPERVISORY PICKUPS 07/2018

YEAR	TRUCK NUMBER	MILEAGE
2010	#1B (Shop Foreman)	86,605
2012	#2C (Patrol Superintendent)	149,064
2017	#2D (Commissioner)	26,085
2018	#1 Ordered (Commissioner)	

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. Construct in 2019.

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

2019	CTH M (Frels Road – CTH D) - FLAP CTH F (Fish Creek Bridge) - STP	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
2023	CTH H (Pike River Rd – W Scenic Dr)	6.1 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 2019 by WisDOT. Total costs to the County are estimated at \$183,273. To be constructed in 2019.

CAPITAL IMPROVEMENT PROJECTS

The department is requesting to pave the Iron River and Mason satellite shop parking areas. Also, the Mason and Washburn garages will need roof repairs.

Iron River parking area	\$50,000
Mason parking area	\$75,000
Mason garage roof	\$35,000
Washburn garage roof	\$35,000

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.