

**TOWN OF UNDERHILL
SELECTBOARD REGULAR MEETING MINUTES
Underhill Town Hall
Thursday, September 19, 2019, 6:00 p.m.**

Selectboard: Pat Sabalis, Dan Steinbauer and Bob Stone

Town Staff: Jennifer Silpe-Katz, Nate Sullivan and Brian Bigelow

Public: Ruth Miller (MMCTV), Mat Champlin, Kurt Johnson, Brian Tijan

6:03 p.m. Call to order, adjustments to agenda. Meeting called to order by Pat Sabalis. Adjustment to agenda made to add discussion about intersection of Westman Road and Pleasant Valley Road intersection.

6:04 p.m. Public Comment. None.

6:06 p.m. Underhill Jericho Fire Department (UJFD) Human Resources. UJFD Chief Mat Champlin in attendance to advise Selectboard about UJFD plans to review their Human Resources program. After this meeting Chief Champlin will attend the Jericho Selectboard meeting on the same subject. UJFD is contracting with Dean Haller to perform an audit of current policy and practice and make proposals for consideration by the Department. Estimated cost of \$8,500 will be funded out of the UJFD full time salary line, no additional funding required. This review is being brought to the attention of the two Selectboards as it is an exercise and expense that was not reviewed as part of the FY19/20 budget process. Consensus of the Underhill Selectboard is for the UJFD to proceed as proposed.

6:16 p.m. Finance Officer, FY2019 Year End Review. Finance Officer Jennifer Silpe-Katz and Selectboard reviewed handout entitled FY19 Year End Review (attached). Immediate past Selectboard Chair Kurt Johnson provided input and context regarding FY19 budget process to Selectboard and Finance Officer. Line items with a variance of either \$1,000 or 25% were identified and status addressed in handout. Road Foreman Nate Sullivan present to review the Highway budget line items. At the conclusion of the Highway section Road Foreman reviewed two Lafayette guard rail proposals.

Pat Sabalis moved the Selectboard approve the two proposals from Lafayette for guardrail replacement projects on Irish Settlement Road in the amounts of \$2,005.00 and \$6,528.38. Dan Steinbauer seconded and the motion passed 3-0.

Items requiring additional review were identified for follow up by Finance Officer. Town Administrator to invite Historical Society to attend the October 1st Selectboard meeting for discussion of Old Schoolhouse #5 accounts.

By consensus the Selectboard adjusted the agenda to interview Brian Tijan for the Underhill Planning Commission vacancy prior to Highway Infrastructure discussions.

6:55 p.m. New Business.

Brian Tijan volunteer for vacancy on the Underhill Planning Commission (UPC). Brian Tijan and Selectboard discussed his interest in the vacancy on the UPC. Vacancy is for the remainder of a four year term expiring in March 2022. The UPC recommended Tijan for Selectboard appointment at their September 12, 2019 meeting.

Pat Sabalis moved that Brian Tijan be appointed to the UPC for the remainder of a four year term expiring in March 2022. Dan Steinbauer seconded and the motion passed by a vote of 3-0.

7:00 p.m. Highway Infrastructure & Equipment Committee, (HIEC) Update on Poker Hill Road and Irish Settlement Road Reconstruction Projects. HIEC Chair Kurt Johnson provided handouts (attached) related to Poker Hill Road and Irish Settlement Road reconstruction and to the Capital Improvement Plan (CIP). Discussion ensued about cost underestimates and recommendations going forward. HIEC is looking for input from the Selectboard on the CIP and the road reconstruction estimates. Bob Stone requested that the Selectboard enter Executive Session to discuss a Personnel Issue prior to additional discussions related to scheduling road work.

7:20 p.m. Executive Session.

Pat Sabalis moved that the Selectboard enter Executive Session with staff under: 1 VSA §313 (a)(3) Appointment or employment or evaluation of a public officer or employee. Dan Steinbauer seconded and the motion passed by a vote of 3-0.

The Selectboard exited Executive Session at 7:30. No action taken as result of Executive Session.

7:31 p.m. Highway Infrastructure & Equipment Committee, (HIEC) Update on Poker Hill Road and Irish Settlement Road Reconstruction Projects (con't). Additional discussion ensued. HIEC recommendation is to put Segment B (Irish Settlement Road) out to bid this fall for spring 2020 construction. Discussion followed about bidding both the 22 foot box cut option and 22 foot travel surface with a 24 foot base option.

Pat Sabalis moved that the Selectboard approve starting the bid process for Segment B on Irish Settlement Road as set forth by East Engineering with the addition of including both the box cut and 24 foot base options. Dan Steinbauer seconded and the motion passed by a vote of 3-0.

CIP handout discussed. HEIC is still working through the CIP to determine options for addressing years with expenditures higher than traditional Underhill budgets would allow. Selectboard to review and provide comment.

7:57 p.m. Old Business:

Planning Commission Grant Application Resolution. Selectboard and staff reviewed FY 20 Municipal Resolution required for Grant Application. Town Administrator and Bob Stone offered to serve as Municipal/Authorizing Officials.

Pat Sabalis moved that the Selectboard pass the Resolution as presented. Bob Stone second and the motion passed 3-0.

Moore Park Power Drop. Selectboard and staff reviewed quotes by Linde Electric and Nexus Properties and application to work in the Pleasant Valley Road right-of-way. By consensus the Chair signed the application for work within the right-of-way and to accepted the quote provided by Linde Electric Inc. in the amount of \$2,485.51. Discussion ensued regarding the Nexus Properties quote primarily for earth work associated with the underground power and the option for offering overtime to

a member of the road crew who might want it. Consensus of the Selectboard to perform the work using town equipment and labor if there was interest. Town Administrator to reach out to Road Crew and Nexus. In the event that there is no interest from the Road Crew, the quote of Nexus Properties (\$995.00) would be accepted.

FY20-21 Budget Schedule. Selectboard and staff reviewed and approved budget schedule. Selectboard member's availability for Special Meetings dates to be provided to Town Administrator.

Added Agenda Item: Westman Road and Pleasant Valley Intersection. Chair advised Board of email she'd received regarding the lack of a stop sign on Westman Road.

Bob Stone moved the Town erect a temporary stop sign on Westman Road and start the ordinance process. Pat Sabalis seconded and the motion passed 3-0.

Consensus of Selectboard to inventory other Town roads to include in a Comprehensive Stop Sign ordinance.

8:25: p.m. Warrants and Minutes. By consensus the Board reviewed and signed current warrants.

Pat Sabalis moved to approve the minutes of the September 3, 2019 Regular Meeting of the Selectboard. Dan Steinbauer seconded and the motion passed by a vote of 3-0.

8:27 p.m. Member Items, Correspondence, Announcements, Schedule: Dan Steinbauer noted that the Underhill Conservation Commission would like 20-30 minutes on a future agenda to make a presentation on their progress re: invasive species.

Correspondence. Notice made of receipt of:

- Memorandum from Zoning Administrator Andrew Strniste regarding Access Amendment for modifications made at shared drive serving IS330 and IS334,
- Memorandum from Town Administrator documenting conversation with Tree Warden Don Tobi regarding replacement trees at Town Hall and Moore Park. Town Administrator to advise Tree Warden of the Selectboard's consensus to proceed.
- Chittenden Unit of Special Investigation (CUSI) Open House invitation September 26, 2019
- Kelley Avery/VLCT PACIF email of September 12, 2019 re: increased insurance rates. Additional information to follow.
- VLCT PACIF Reasonable Suspicion Testing Training October 24, 2019. Town Clerk will be attending.

8:37 p.m. Executive Sessions.

Pat Sabalis moved that the Selectboard find that premature general public knowledge of the review of proposed contract between the Town of Underhill and Green Lantern Group would clearly place the Town at a substantial disadvantage in negotiations. Dan Steinbauer seconded and the motion passed by a vote of 3-0.

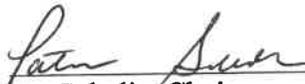
Pat Sabalis moved that the Selectboard enter Executive Session to discuss the proposed Solar Array contract with Green lantern Group under the provisions of Title 1, Section 313(a)(1)(A) of the Vermont Statutes. Bob Stone seconded and the motion passed by a vote of 3-0.

At 8:57 p.m. the Selectboard exited Executive Session. The Chair will provide response to Green Lantern Group regarding status of unresolved points from draft lease.

8:59 p.m. Adjournment: On a motion made by Pat Sabalis and seconded by Dan Steinbauer the Selectboard voted 3-0 to adjourn.

Submitted by Brian Bigelow, Town Administrator

Read and Approved as submitted/amended


Pat Sabalis, Chair

10/1/19
Date

FY19 Year End Review

Revenue:

1% Muni:	Adjusted for FY 20 Budget by 10K
Local Agreement:	Maple Leaf Farm, Adjusted FY20 to 90
Delinquent Tax Penalties	Higher because of forgot and financial constraints
Pilot	State \$ from legislature for parks – Adj. FY20 to 25K
Zoning Permits	Higher and adj to 27K for FY20
Zoning sign permits	Income not budgeted – consider for FY21
Judiciary Fines/Fees	Consider for FY21
Tax Research	Was adjusted for FY20 came in higher
Hist. SOV Grant	Was delayed from FY18 to FY19
Restoration/Recording Fees	Were higher in FY19, but appear flat this year
Savings Interest	We have surplus and new bank relationship
Misc. Income	Combined with other below threshold
Schoolhouse Reserve	Same as SOV – delayed
Lister Reserve	Education grant \$ adjust for used funds (Auditors)
UHS	Discussion with SH Committee

Expenses

SB Stipend	Cat opted out
SB HRA	Change in health plan
SB WC	More follow-up required
SB Prof. Fees	Dean Haller H.R.
SB Engineering	Higher due to gravel pit analysis & bridge design

SB Contingency	Absorb higher than expected engineering & prof. fees
EI Salaries	small election year, lower expenses
EI printing/binding	Annual Reports – Adjusted for FY20
Admin. SS	When combined with all below threshold
TC Salaries/Other	FD left, Assistant TC covered for TC
TC Land Restoration	Cost more but revenue also increased
FC Salaries etc.	FD left in October
FC Training	NEMRC/VLCT
AS Appraiser	FY20 Adjusted (Vermont Appraisal Company)
TH Custodial	New Vendor
TH Copy/Post Lease	New Vendor/Lease
TH Postage	PZ postage not transferred
TH Office Supplies	Lower than budget (contingency)
PO Maint.	Water Leak/pipe burst
SH Cap/Exp	UHS To be discussed later date FY20 2.5K no Carryover
Health/Well Mon.	New tests required. Needs to be adj. FY21
REC Salaries	No lifeguard adj. FY20 to zero
REC Grounds	Under b/c project came in lower. FY20 2k general maint. 2K in Parks/landsc. For leveling it in FY20
REC Supplies	Skating Rink
PZ Legal Fees	Higher in FY20 new legal cases
GA Cemetery	Needs to Adj in FY21 underbudget several years
GA Local Agree	Maple Leaf
HWY Opt Out/Health	employee elected to join health insurance at family plan and not "opt out".
HWY Prof/Tech	RE: Prof & Tech Services \$2000 carryover from FY18 budget should have been \$4000.
HWY Contractors	Contractors - \$20,370 carryover on top of the \$10,000 making the budget for \$30,370
HWY Tree/Brush	Nate said there should have a carryover of \$7500 making the budget \$15,000 for this line item.
HWY Rental Equip	\$2776* carryover from FY18 added to 2K.

HWY Shed/Office Reviewed with Nate. Explained that small purchases are all placed here and they add up. Primarily, water, oil/gas, maintenance parts purchased, rugs, gloves, nuts, bolts all in here. Look at historical for better budget number. Look at budget for FY21.

HWY Chloride Chloride - Dry summer, inc. for FY20

HWY Salt Was budgeted at \$69.50/ton actual costs came in at \$78.79 for 500 tons and \$84.75 for 100 tons - used a total of 602 tons (Has 112 tons remaining at FY end.)

HWY Stone Bad mud-season, reconstruction plans address on PH, IS, ES

HWY Paving Had \$10653 Carryover for FY21

Town of Underhill
 Irish Settlement Road and Poker Hill Road Improvements
 Project Cost Estimate



8/2/2019

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
1	Irish Settlement Road Improvements				
1.1	General Conditions & Mob./Demob. (~8%)	LS	1	\$45,000	\$45,000
1.2	Traffic Control Measures	LS	1	\$5,000	\$5,000
1.3	Erosion and Environmental Controls	LS	1	\$5,000	\$5,000
1.4	Culvert Replacements				
1.4.1	18-inch	LF	120	\$100	\$12,000
1.4.2	30-inch	LF	40	\$200	\$8,000
1.4.3	36-inch	LF	40	\$250	\$10,000
1.5	Full Depth Road Reconstruction	LF	4,800	\$75	\$360,000
1.6	Ditching				
1.6.1	Grass-lined Ditch	LF	1,800	\$15	\$27,000
1.6.2	Stone-lined Ditch	LF	1,600	\$30	\$48,000
1.7	Underdrain	LF	300	\$25	\$7,500
1.8	Tree Removal				
1.8.1	6" to 12" DBH Trees	EA	20	\$500	\$10,000
1.8.2	12"+ DBH Trees	EA	10	\$1,000	\$10,000
1.9	Site Restoration	LS	1	\$10,000	\$10,000
Total of All Unit Price Bid Items (Irish Settlement Road Improvements)					\$557,500
2	Poker Hill Road Improvements				
2.1	General Conditions & Mob./Demob. (8%)	LS	1	\$45,000	\$45,000
2.2	Traffic Control Measures	LS	1	\$5,000	\$5,000
2.3	Erosion and Environmental Controls	LS	1	\$5,000	\$5,000
2.4	Culvert Replacements				
2.4.1	18-inch	LF	70	\$100	\$7,000
2.4.2	24-inch	LF	50	\$150	\$7,500
2.5	Full Depth Road Reconstruction	LF	3,700	\$75	\$277,500
2.6	Ditching				
2.6.1	Grass-lined Ditch	LF	450	\$15	\$6,750
2.6.2	Stone-lined Ditch	LF	2,900	\$30	\$87,000
2.7	Underdrain	LF	3,500	\$25	\$87,500
2.8	Tree Removal				
2.8.1	6" to 12" DBH Trees	EA	15	\$500	\$7,500
2.8.2	12"+ DBH Trees	EA	5	\$1,000	\$5,000
2.9	Site Restoration	LS	1	\$10,000	\$10,000
Total of All Unit Price Bid Items (Poker Hill Road Improvements)					\$550,750
Subtotal for both Irish Settlement and Poker Hill Road					\$1,108,250
Construction Contingency (15%)					\$166,238
Construction Total					\$1,274,488
Design, Permitting, Bid/Construction Engineering Services					
1	Engineering Design	1	LS	\$9,500	\$9,500
2	Permitting	1	LS	\$500	\$500
3	Right-of-way (Estimated)	8	Hr	\$100	\$800
4	Bid Assistance	1	LS	\$1,500	\$1,500
5	Construction Admin. and Inspection	1	LS/Hr	\$25,000	\$25,000
Engineering Total					\$27,800
Estimated Project Total					\$1,302,288
USE:					\$1,300,000

Notes:

1 Unit pricing estimates are based on a combination of recent East Engineering bid history as well as the Vtrans Average Price List.

Town of Underhill
 Irish Settlement Road and Poker Hill Road Improvements
 Project Cost Estimate



9/4/2019

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
1	Irish Settlement Road Improvements - Segment A				
1.1	General Conditions & Mob./Demob. (~12%)	LS	1	\$18,000	\$18,000
1.2	Traffic Control Measures	LS	1	\$3,000	\$3,000
1.3	Full Depth Road Reconstruction	LF	1,300	\$100	\$130,000
Total of All Unit Price Bid Items (Irish Settlement Road Improvements - Segment A)					\$151,000
2	Irish Settlement Road Improvements - Segment B				
2.1	General Conditions & Mob./Demob. (~8%)	LS	1	\$30,000	\$30,000
2.2	Traffic Control Measures	LS	1	\$6,000	\$6,000
2.3	Full Depth Road Reconstruction	LF	3,500	\$90	\$315,000
Total of All Unit Price Bid Items (Irish Settlement Road Improvements - Segment B)					\$351,000
3	Poker Hill Road Improvements - Segment C				
3.1	General Conditions & Mob./Demob. (~8%)	LS	1	\$20,000	\$20,000
3.2	Traffic Control Measures	LS	1	\$6,000	\$6,000
3.3	Full Depth Road Reconstruction	LF	2,600	\$90	\$234,000
Total of All Unit Price Bid Items (Poker Hill Road Improvements - Segment C)					\$260,000
4	Poker Hill Road Improvements - Segment D				
4.1	General Conditions & Mob./Demob. (~12%)	LS	1	\$14,000	\$14,000
4.2	Traffic Control Measures	LS	1	\$3,000	\$3,000
4.3	Full Depth Road Reconstruction	LF	1,050	\$100	\$105,000
Total of All Unit Price Bid Items (Poker Hill Road Improvements - Segment D)					\$122,000
Subtotal for Segments A, B, C, D					\$884,000
Construction Contingency (15%)					\$132,600
Construction Total					\$1,016,600
Design, Permitting, Bid/Construction Engineering Services					
1	Engineering Design	1	LS	\$9,500	\$9,500
2	Permitting	1	LS	\$500	\$500
3	Right-of-way (Estimated)	8	Hr	\$100	\$800
4	Bid Assistance	4	LS	\$1,500	\$6,000
5	Construction Admin. and Inspection	1	LS/Hr	\$25,000	\$25,000
Engineering Total					\$41,800
Estimated Project Total (2020 Dollars)					\$1,058,400
USE:					\$1,100,000

Notes:

- Unit pricing estimates are based on a combination of recent East Engineering bid history as well as the Vtrans Average Price List.
- Town to complete all ancillary construction tasks for upgrades to Irish Settlement Road and Poker Hill Road, including: culverts, ditching, tree clearing, and associated tasks.
- Assumes each segment as done as an individual project. Unit costs were adjusted accordingly, as well as the number of engineering bid assistance phases.
- Assumes 2020 construction season. For segments constructed after 2020, add ~2% per each additional year.

Poker Hill / Irish Settlement Reconstruction Recommendation

East Engineering 2019 Cost Estimate Review

- Total cost(\$1.3M) far exceeds 2018 \$500k estimate
 - Driving factors (Total=\$782,800) included :
 - Ditching - \$168,750
 - Contingency - \$166,238
 - Culverts/Underdrain - \$139,500
 - Increased scope - \$122,000
 - Mobilization - \$82,000
 - Trees - \$52,500
 - Engineering - \$41,800
 - Traffic control - \$10,000
 - Increased scope detail :
 - Irish Settlement \$92,000
 - Length (3900'->4800') 23%
 - Width (18'-> 22') 22%
 - Poker Hill \$30,000
 - Length (3400'->3650') 7%
 - Width (20'->22') 10%

Poker Hill / Irish Settlement Reconstruction Recommendation

HEIC Recommendation : How to Proceed

- **Ditching : Town to handle as usual from highway budget**
- **Contingency : Use bid process to manage**
- **Culverts : Town to handle prior to construction**
- **Underdrain : Use lower cost method and only critical places**
- **Increased scope : Fund with tax revenues and/or loan**
- **Mobilization : Use bid process to manage**
- **Trees : Town to handle as usual from highway budget**
- **Engineering : Cover in Highway professional fees budget**
- **Traffic control : Cover in Highway traffic control budget**

Additional Recommendations :

- **Plan work in 3 segments:**
 - **FY21 - Irish 569-638 (Bid now)**
 - **FY22 – Poker 196-250 , 562-570 (Bid in 2020)**
 - **FY24 – Irish 225-250 (Bid in 2022)**
- **Include added expenses for FY21, 22, 24 during budget time.**
- **Pursue state grants where appropriate.**
- **Consider additional loan to cover increased scope costs.**

**UNDERHILL PAVED ROADS
COST SUMMARY**

Road segment	length (mi)	length (ft)	width (ft)	Last paved	Condition	Extra work	Cap. Cost	Maint. Cost	Total Cost
Park Street	0.39	2060	24	2006 RC	Good	Repair settlement	\$ 1,500	\$ 31,500	\$ 33,000
T. H. 46		100	22		Good			\$ 1,800	\$ 1,800
Meadow Lane	0.30	1590	22	2006 OL	Good	Interim crack seal		\$ 28,250	\$ 28,250
Sugar Hill	0.30	1590	22	2006 RB	Good	Interim crack seal		\$ 29,375	\$ 29,375
N. UH Station Rd	0.88	4650	22	2008 OL	Good			\$ 71,250	\$ 71,250
Poker Hill Road 1	0.50	2640	24	2002 RC	Good			\$ 40,500	\$ 40,500
Poker Hill Road 2	0.51	2700	24	2002 RB	Fair	Selected repairs	\$ 104,000	\$ 41,250	\$ 145,250
River Road 1	1.21	6390	24	2007 Partia	Good			\$ 97,500	\$ 97,500
River Road 2	1.08	5700	24	2010 OL	Good	Rebuild 500' one lane, UD	\$ 28,500	\$ 87,000	\$ 115,500
Sand Hill Road	0.32	1690	22	2007 OL	Good	Driveway drainage		\$ 25,875	\$ 25,875
Range Road	0.74	3900	22	2007 OL	Good			\$ 59,625	\$ 59,625
Green Street	0.08	425	22		Good			\$ 5,325	\$ 5,325
PV Road 1	0.25	1320	24		Poor	100' x 11' rebuild	\$ 5,835	\$ 20,250	\$ 26,085
PV Road 2-1	0.44	2325	24		Poor		\$ 279,715		\$ 279,715
PV Road 2-2	0.26	1375	24		Poor		\$ 47,040		\$ 47,040
PV Road 3	0.49	2590	24	2013 RB	Excellent			\$ 43,125	\$ 43,125
PV Road 4	0.70	3700	24		Poor	Ditch work	\$ 182,125		\$ 182,125
PV Road 5	0.81	4275	24		Fair		\$ 146,400		\$ 146,400
PV Road 6	0.78	4120	24	2001 Partia	Fair			\$ 63,000	\$ 63,000
PV Road 7	0.77	4065	24	2004 RB, 2	Good	1000' repair 1 lane, UD, remove l	\$ 57,100	\$ 62,200	\$ 120,100
PV Road 8	0.80	4225	24	2004 RB, 2	Good			\$ 62,200	\$ 62,200
PV Road 9	0.93	4910	24	2004 RC, 2	Good			\$ 64,650	\$ 64,650
Mountain Road	0.40	2100	22	2008 OL	Good			\$ 75,125	\$ 75,125
Stevensville Roa	0.91	4800	22	2008 RC, 2	Good			\$ 32,130	\$ 32,130
Beartown Road	0.48	2530	22	2007 RC	Good			\$ 73,440	\$ 73,440
I. Settlement Rd	1.13	5970	22	2011 OL	Good			\$ 38,700	\$ 38,700
								\$ 91,340	\$ 91,340

OL = overlay (1.5" x Width(ft) x Length(ft) x cost/ton)/18 2019 cost=\$72/ton
 RC = Reclaim (4" x Width(ft) x Length(ft) x cost/ton)/18 + Area(ft2) x \$4 per Sq Yd
 RB = Rebuild

November 5, 2014

Road segment	Length (mi)	Length (ft)	Width (ft)	Last paved	Condition	Overlay Cost estimate	Reclaim Cost estimate
Park Street	0.39	2060	24	2006 RC	Good	\$34,333	\$113,529
T. H. 46		100	24		Good	\$1,667	\$5,511
Meadow Lane	0.30	1590	24	2006 OL	Good	\$26,500	\$87,627
Sugar Hill	0.30	1590	24	2006 RB	Good	\$26,500	\$87,627
N. UH Station Rd.	0.88	4650	24	2008 OL	Good	\$77,500	\$256,267
Poker Hill Road 1	0.50	2640	24	2002 RC	Good	\$44,000	\$145,493
Poker Hill Road 2	0.51	2700	24	2002 RB	Good	\$45,000	\$148,800
River Road 1	1.21	6390	24	2007 Partial OL	Good	\$106,500	\$352,160
River Road 2	1.08	5700	24	2010 OL	Good	\$95,000	\$314,133
Sand Hill Road	0.32	1690	24	2007 OL	Good	\$28,167	\$93,138
Range Road	0.74	3900	24	2007 OL	Good	\$65,000	\$214,933
Green Street	0.08	425	24		Good	\$7,083	\$23,422
PV Road 1	0.25	1320	24		Poor	\$22,000	\$72,747
PV Road 2-1	0.44	2325	24		Poor	\$38,750	\$128,133
PV Road 2-2	0.26	1375	24		Poor	\$22,917	\$75,778
PV Road 3	0.49	2590	24	2013 RB	Excellent	\$43,167	\$142,738
PV Road 4	0.70	3700	24		Poor	\$61,667	\$203,911
PV Road 5	0.81	4275	24		Fair	\$71,250	\$235,600
PV Road 6	0.78	4120	24	2001 Partial RB	Fair	\$68,667	\$227,058
PV Road 7	0.77	4065	24	2004 OL	Good	\$67,750	\$224,027
PV Road 8	0.80	4225	24	2004 RB, 2009 OL	Good	\$70,417	\$232,844
PV Road 9	0.93	4910	24	2004 RC, 2009 OL	Good	\$81,833	\$270,596
Mountain Road	0.40	2100	24	2008 OL	Good	\$35,000	\$115,733
Stevensville Road	0.91	4800	24	2000RC, 2013 OL	Good	\$80,000	\$264,533
Beartown Road	0.48	2530	24	2007 RC	Good	\$42,167	\$139,431
I. Settlement Rd.	1.13	5970	24	2011 OL	Good	\$99,500	\$329,013
						\$1,362,333	\$4,504,782

OL = overlay
RC = Reclaim
RB = Rebuild

cost/ton x (1.5" Thk) x (Width(ft) x Length(ft))/9/18
cost/ton x (4" Thk) x (Width(ft) x Length(ft))/9/18 + Area(ft2)/9 x \$4 per Sq Yd

2019 cost/ton = 70
(Estimates are \$75/ton)

Capital Improvement Plan Summary

FISCAL YEAR	GRAND TOTAL	Equip Total	IS Capital Total	Paving Total	Reserve Adds	Reserve Used	*Highway Reserve	Reserve Purpose	Project	10 year loan saves
2019	203	93	40	100	50	30	212	2011 body		
2020	270	93	292	90	205	205	212			
2021	409	139	190	280	100	200	112			
2022	651	68	283	500	100	200	12		NU/PH	160
2023	634	72	317	295	100	50	62		ES/PH/IS	230
2024	714	72	457	285	50	100	12		Mtn/River	175
2025	494	72	152	270	50		62		ES/PH/IS	80
2026	464	37	52	375	50		112			
2027	166	74	52	40	50		162			
2028	294	37	52	205	50		212			
2029	128	76	52	0	50		262			

PLOW TRUCKS & HEAVY EQUIPMENT (K dollars)

FISCAL YEAR	Equip Total	15 Loader	15 DT	18 DT	F850	11 DT	13 DT
2019	93	26	34	33			
2020	93	26	34	33			
2021	139	26		33	45	35	
2022	68			33		35	
2023	72					35	37
2024	72					35	37
2025	72					35	37
2026	37						37
2027	74		37				37
2028	37		37				
2029	76		37	39			
Last payment	11/20	9/19	2/22				

Infrastructure Capital Projects (K dollars)

FISCAL YEAR	Project Total	Est Cost-> TG/TH	\$179 Br2 repair	\$250 CORBETT	\$270 *NU STATION	\$690 PVW7	\$330 MTN RD	\$770 RIVER RD	\$500 PH/IS RD	\$350 ES RD
2019	40	40								
2020	292	38	179							75
2021	190	38		17					135	
2022	283	36		17	85				35	175
2023	317			17		90				
2024	457			17			130	75	235	
2025	152			17					35	100
2026	52			17					35	
2027	52			17					35	
2028	52			17					35	
2029	52			17					35	
Last payment	12/20	Grants ->		Loan 1					Loan 2	
				0	\$175	\$600	\$200	\$700	0	0

*\$101 budgeted

Paving Projects (K dollars)

FISCAL YEAR	Project Total	River Meadow Sugar	SW PV 6&7	NU Park Green Krug TM Beartown SH	PV 4&5	Stevens	Range PV 8&9 OL	Irish	OL Mountain	PV 1-3
2019	100	100								
2020	90		90							
2021	280			280						
2022	500				500					
2023	295					295				
2024	285						285			
2025	270							270		
2026	375								375	
2027	40									40
2028	205									205
2029	0									
Grants ->			\$490			\$175		\$175		\$175
			175 / 315							

Underhill 2020 CIP

YEAR	TOTAL CAPITAL (\$K)	BRIDGE CONSTRUCTION			PAVING PROJECTS			GRAVEL ROAD PROJECTS			EQUIPMENT		Asphalt \$/Ton
		Description	Grant	Cost(\$K)	Description	Last paved	Grant	Cost(\$K)	Description	Cost(\$K)	Description	Cost(\$K)	
2019	140	Irish Settlement	30	10	River road shlm	2007/10	no	100				63	
2020	345	Bridge B repair	no	180	Meadow/Sh/River OL	2006	no	90	English Settlement			70	
2021	1155	Corbett	no	270	PV (sect 6&7) RC Flats Sidewalk	2007/10	175	280	Irish Settlement			75	
2022	865	NU Station	175	95	NU Station RC	2008	no	255	Poker Hill			75	
2023	740	PV Bridge 7	550	90	PV (sect 4&5) RC	2007/10	175	295	English Settlement			80	
2024	690	Mountain Rd	200	130	River Rd widen RC Stevensville Rd RC	2007/10	700	75	Irish Settlement			80	
2025	370				PV (sect. 8&9) OL Range RC	2007	no	245	English Settlement			85	
2026	675				Irish Settlement RC	2011/17	no	375	Gravel road rebuild			85	
2027	190				Mountain Rd OL	2008	no	40	Gravel road rebuild			90	
2028	655				PV (sect 1,2,3) RC,RC,OL		175	205	Gravel road rebuild			90	
2029									Grader		500		

* Fiscal Year

OL = Overlay
RC = Reclaim

