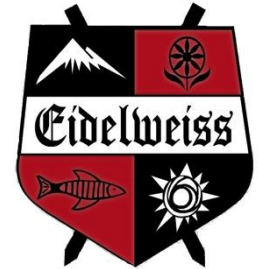


BOARD OF COMMISSIONERS PUBLIC HEARING



October 14, 2017



Agenda



- Canoe and Kayak Racks Ordinance
- Discussion about the Assets of the Village – Roads, Water System, Equipment and Buildings
- Note- All questions and comments are to be focused on these two topics only

Canoe and Kayak Ordinance



- Three options under consideration
 - - see handout for complete text.
- Option 1
 - Leave the ordinance essentially the same as currently in place. Only addition is owners name on the watercraft is required.
- Option 2
 - A reservation of a designated rack space required. Request to be filed at the office. An administration charge of \$25.
- Option 3
 - Remove all racks. No storage of any watercraft in beach area will be permitted.

Canoe and Kayak Racks



Commissioner Recommendation:

Option 2 recommended -- *Rationale:*

- Creates an orderly use of the racks - no April 1 rush
- Limits the use to property owners - no out of town users
- Limits to one rack per property owner - greater availability
- Permits identification of users
- Simple administration- no confusion as to having a rack

Your comments and input requested

Overview of District Assets



- Strategy
 - Address the most critical requirements first
 - Use skilled experts for design of projects
 - *reduces errors
 - *reduces mis-spending
 - *obtains good results
- Extensive planning of near term and long term projects

Status of Roads



Historical and Current Status

- **Roads face continuous need for capital investment and maintenance**

- 16 Miles of roads

- 4.9 miles of Asphalt
- 11.1 miles of Gravel



- Difficult terrain-steep grades
- Drainage and ditching problematic
- Significant investment in vehicles and equipment required
- Crew of 2 engaged in extensive road maintenance and snow removal
 - Consistent use of gravel, salt and sand necessary



Status of Roads



Road Maintenance has been and ongoing cost to the District for many years.

Historical Projects

Note:

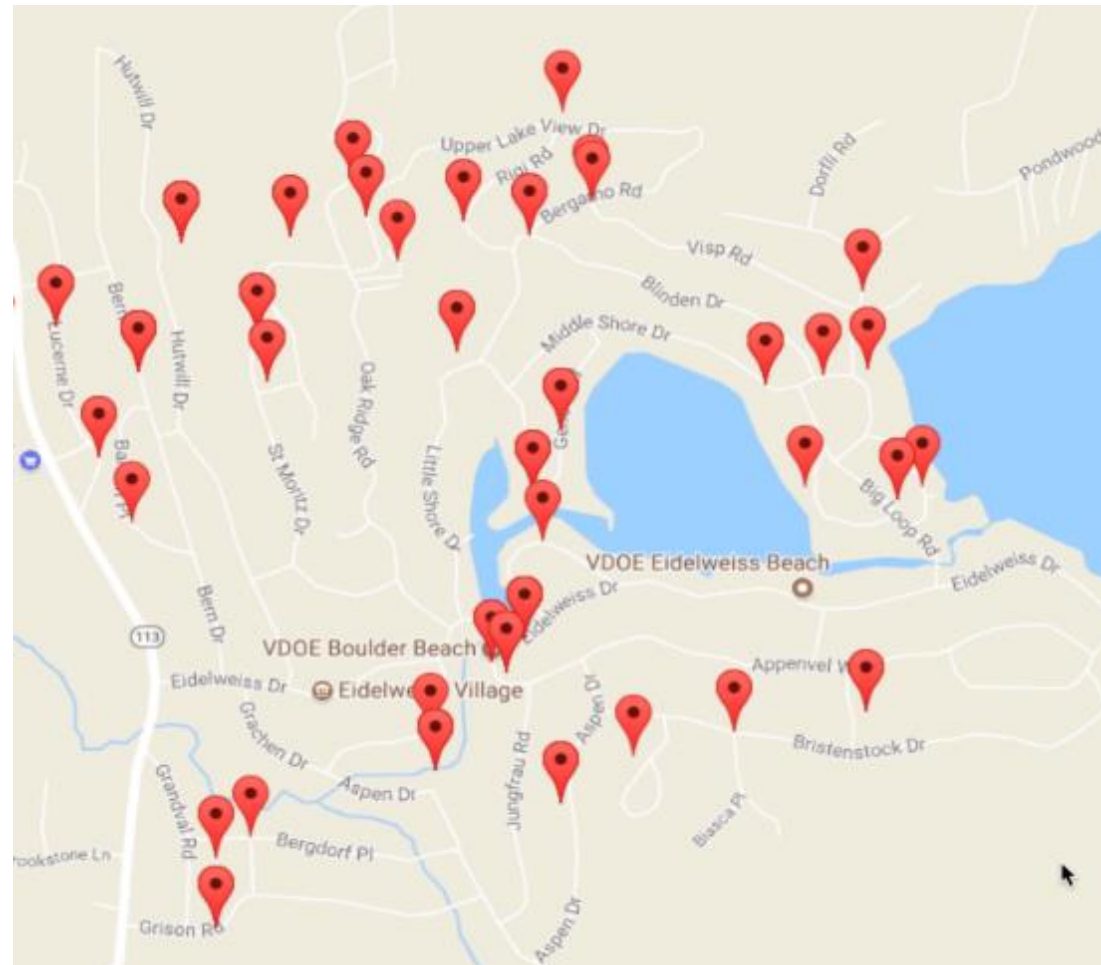
- The high cost of Oak Ridge
- Emergency work on Grison and Burgdorf = \$56,000
- Investment in roads was as needed and sporadic

Roads	Year	Purchase Price
Little Pea Dam	1980	\$ 20,000
Oak Ridge Road	2004	\$ 70,000
Oak Ridge Road	2005	\$ 100,000
Oak Ridge Road	2007	\$ 50,000
Grison	2007	\$ 10,266
Sarnen	2007	\$ 10,266
Alpenhof	2007	\$ 10,266
Blinden	2007	\$ 62,000
Bristenstock	2009	\$ 90,000
Eidelweiss Drive	2011	\$ 7,875
Grison	2012	\$ 20,000
Burgdorf	2012	\$ 10,000
Middle Shore	2012	\$ 10,000
Oak Ridge Road	2012	\$ 20,000
Big Loop Road	2012	\$ 37,000
Oak Ridge Road	2013	\$ 32,054
Eidelweiss Drive	2013	\$ 24,821
Appenvel Way	2013	\$ 12,411
Oak Ridge Road	2014	\$ 7,760
Grison	2015	\$ 13,000
Burgdorf	2015	\$ 13,000
Oak Ridge Road	2016	\$ 243,750
Total:		\$ 874,469

Scheduled Maintenance Works..



- Starting in 2014
 - The District budgeted for and executed on a plan to maintain all gravel roads in the district over a four and one half year period.
 - All gravel roads are planned to receive maintenance.
 - We now have records showing tons of gravel used and maintenance periods for nearly all gravel roads in the district.
 - This project will never end but will result in lower costs and better roads over time.



Status of Roads



Currently Identified District Projects

- Aspen resurface
- Little Loop redesign for drainage
- Edelweiss Drive asphalt reconstruction
- Edelweiss Drive at Thusis Beach culvert replacement
- Grison and Burgdorf box culverts
- Middle Shore at Geneva Beach asphalt reconstruction
- Storm water management
- Chocorua View reconstruction
- Old Town reconstruction

All of the above have near term urgency

Planning Tools

- Capital Improvement Plan has been developed to list and prioritize capital needs

Status of Roads



Ongoing Maintenance

- Road grading and gravel additions
- Cleaning of ditches and culverts
- Culvert replacement
- Crack sealing
- Snow removal
- Equipment maintenance
- Usual purchases of sand, salt and gravel

Status of Equipment



Most of the Equipment is in good operating condition

- A good mix of vehicles that fit with our needs
- Recent additions:
 - Backhoe, Grader
 - Self insured for warranty repairs.
 - Medium sized truck
 - Covered under warranty
- The 550 needs to be replaced; it is 5 yrs old, going on 6
- All equipment is maintained in accordance with manufacturer's recommendations
- Usual repair and replacement – recent good history

Status of Buildings



- Lodge repairs almost completed – still more to do
- Security of buildings updated
- Most district buildings are in need of scheduled maintenance.
- Upgrades of electrical needed – some code issues
- Various upgrades needed – hot water heater, roof over mailboxes

Status of Water System



Historical and Current Status

- **The Water System currently meets the demands of the Village**
 - System is complex due to elevation changes
 - Water source - DPW and Muddy Beach wells
 - Storage- Reinach tanks and storage tanks on Oak Ridge
 - Reinach tanks are over 50 years old.
 - Distribution- a series of 7 pump stations and 19 miles of pipeline
 - A series of bleeders operate in winter – 15 locations
 - A SCADA system runs and monitors the water distribution system.
 - A substantial portion of the system is old- 85-90% of pipe is original

Status of Water System



Historical Projects

- Major projects
 - 1993 DPW well insures a good and reliable source
 - 2011 Jungfrau to Reinach Forced Main key to getting water to Storage
 - 2014 Jungfrau pump station upgraded and old pumps replaced

	Year	Purchase Price
System	1980	\$100,000.00
6" Main Loop around the ponds	1987	\$50,000.00
DPW Well and Main	1993	\$152,000.00
Corrosion Control & Jungfrau Pump	1994	\$30,000.00
Upgrade Summit Tank House and Pressurized System	2000	\$41,000.00
Replaced DPW Well Pump	2003	\$9,000.00
Radio Telemetry System	2010	\$57,574.00
Oak Ridge Road Main Upgrade	2010	\$100,000.00
Junfrau to Reinach Forced Main	2011	\$120,000.00

Status of Water System



Muddy Beach upgrades insure reliability of a second source

	Year	Purchase Price
Valve Clusters - Interlaken Circle	2012	\$7,000.00
Valve Clusters - Oak Ridge Rd	2012	\$7,000.00
Huttwil Water Main - 400 foot extension	2013	\$44,000.00
SCADA Upgrades	2013	\$15,500.00
Jungfrau 20 HP pump & Controls	2014	\$30,000.00
MB Well #2 Pump	2014	\$7,000.00
Replaced Chocorua Booster	2015	\$4,300.00
Oak 5 HP pumps and controls	2015	\$25,116.00
Jungfrau 20 HP pump & Controls	2016	\$30,000.00
MB Well #1 Pump	2016	\$22,600.00
Total		\$852,090.00

Status of Water System



Water Leak Progress Report

- Water leaks are an ongoing issue for the district.
- Large volume usage indicated a water leakage from starting in Dec 2016
 - Greater than the water leak of 2014. (discovered when leak showed on surface)
 - Noticed on review of monthly water usage against historical averages.
 - Occurred when the ground was frozen, no surface clues showing a leak.
- Meters capable of leak detection did not exist in the District.
 - To efficiently determine location of leaks a meter was required at Reinach- Installed in July
- Finding leaks is a process of elimination
 - Isolating zones one at a time then measuring pressure manually.
 - Scheduling Granite State Rural Water to be on site to assist with locating leaks
- Several high volume leaks found and corrected
 - Impact of fixing a leak is that it may cause older pipe to leak as the pressure increases from the fixed water flow.

Status of Water System



- Water Leak Progress Report (cont'd)
 - 3 zones fully examined
 - 5 leaks corrected
 - 3 identified leaks are property owner issues
 - Estimated volume reduction over 20,000 gallons per day
 - All zones to be checked following final property owner repair
 - Leaks are an ongoing issue

Photo shows pipe challenge



- Old undersized pipe exists in sections of the District.



Status of Water System



Currently Identified New Projects

- Reinach Pressure Zone
- Tank Inspection in Nov for determination on lining or replacement
 - One Reinach tank and Jungfrau tank
- Lightning and Surge Protection
- Additional Meters in PRV pits
- Upgrades to certain water mains to be determined

SAVE THE DATES!



- Meeting scheduled December 9, 2017 for financial overview
- Budget Hearings for VDOE Annual Meeting January 19, 2018 and January 26, 2018 (if needed)
- VDOE Annual Meeting is scheduled for February 24, 2018 with polls to open at 5 pm and deliberative session beginning at 7 pm
- Commissioners presentation by the Loon Preservation Society scheduled for May 26, 2018 at 6 pm

Concluding Remarks



- The assets of the village are in reasonably good condition but many issues need to be dealt with
- Addressing the future requirements will represent a challenge
- Extensive planning is being done to prioritize projects
- Commissioners plan a December meeting to describe recommendations for next year and the future