

**SOUTH T BAR RANCH POA  
CURRENT RESERVE REQUIREMENTS**

**Capital Reserves**

Item	Item Detail	Avg Cost Estimate	Useable Life in Years	Remaining Life	Notes	Annual Reserve Contributions	Accumulated Reserve Balance
Trash Enclosure		5000	10	0		\$500.00	\$5,000.00
Roads		300000	15	8	gravel to rebuild road structure	\$20,000.00	\$140,000.00
Gate							
	sensors, loop, arms, motor	2000	7	0		\$285.71	\$2,000.00
	physical structure	7500	15	5		\$500.00	\$5,000.00
Fire Cisterns							
	Cistern #1 (Groome)	6000	15	5	1000 Gallon Plastic Tank - assumes reuse of existing site	\$400.00	\$4,000.00
	Cistern #2 (Wendt)	6000	15	5	1000 Gallon Plastic Tank - assumes reuse of existing site	\$400.00	\$4,000.00
	Cistern #3 (Revack)	6000	15	5	1000 Gallon Plastic Tank - assumes reuse of existing site	\$400.00	\$4,000.00
	Cistern #4 (Wolfe)	6000	15	0	10,000 Gallon Fiberglass tank - currently out of service	\$400.00	\$6,000.00
Culverts		150000	40	30	approx 75 @ \$2000 each	\$3,750.00	\$37,500.00
Signs							
	Road names	5000	15	5	20 at \$250 each	\$333.33	\$3,333.33
	Speed signs	600	15	5	3 at \$200	\$40.00	\$400.00
	Sign posts	2250	10	0	15 at \$150	\$225.00	\$2,250.00
	Other (cautionary, curve indicator, etc.)						\$0.00
Fire Station		15000	25	15		\$600.00	\$6,000.00
Fencing							
	fencing at front gate	1500	15	5		\$100.00	\$1,000.00





\*\*Items to consider  
for future reserves,  
not included in Snow Fencing  
estimates at this Mining infrastructure

Current Reserve	
Balance	\$193,124.34
Reserves Funding	71%

## **Bibliography**

The source documents for the following references are available on the Internet and can be found using your favorite search engine. If you cannot find them and would like a copy, please send an email to either [webmaster@southbar.com](mailto:webmaster@southbar.com) or [president@southbar.com](mailto:president@southbar.com).

## References

- 1 Ken Slorseth and Ali A. Selim, Gravel Roads Maintenance and Design Manual, (South Dakota Local Transportation Assistance Program, U.S. Department of Transportation, Federal Highway Administration), November 2000.
- 2 Maine Department of Environmental Protection, Gravel Road Maintenance Manual, A Guide for Landowners on Camp and Other Gravel Roads, No. DEPLW0837A, April, 2010.
- 3 Maureen A. Kestler, Stabilization Selection Guide for Aggregate and Native-Surfaced Low Volume Roads, (U.S. Department of Agriculture, Forest Service), March 2009.
- 4 John van Rijn, Road Maintenance Planning, (Indevelopment), 2006
- 5 Jay N. Meegoda and Thomas M. Juliano, Corrugated Steel Culvert Pipe Deterioration (Nation Center for Transportation and Industrial Productivity New Jersey Institute of Technology) August 2009.
- 6 Central Federal Lands Highway Division, Federal Lands Highway Program, Context Sensative Roadway Surfacing Selection Guide, Appendix A Part 4 Unbound and Mechanically Stabilized Surfacing, 2005
- 7 Government of Alberta Ministry of Transportation, Best Practice Selection of Culvert Types, N.p., N.d.
- 8 Craig Camp, Glenn Boyce, and Al Tenbusch, Culvert Replacement Using Pipe Ramming, Tunneling, or Pipe Jacking (North American Society for Trenchless Technology) May 2010.