

Meridian Valley Maintenance Association

Long-Range Plan Projections Through Fiscal Year 2035

Reserve Fund Growth - Actuals and Projections						
Fiscal Year	Beginning Fund Value	Annual Contribution	Expected Return	Expenditures	Year-End Value	Target Fund Value
2000	\$12,000	\$13,000		\$13,038	\$25,000	\$25,000
2001	\$25,000	\$21,939	\$2,443		\$49,382	\$48,615
2002	\$49,382	\$22,000	\$10,935		\$82,317	\$74,305
2003	\$82,317	\$22,597	(\$15,869)		\$89,045	\$102,211
2004	\$89,045	\$23,275	\$69,393		\$181,713	\$132,479
2005	\$181,713	\$32,596	(\$19,022)	\$10,588	\$195,287	\$153,674
2006	\$195,287	\$33,820	(\$61,052)	\$2,532	\$168,055	\$188,568
2007	\$168,055	\$56,663	\$16,357		\$241,075	\$226,295
2008	\$241,075	\$28,029	(\$59,782)	\$27,260	\$209,322	\$161,715
2009	\$209,322	\$5,000	\$36,838	\$6,899	\$251,160	\$202,318
2010	\$251,160	\$6,000	\$21,696	\$16,249	\$278,856	\$246,592
2011	\$278,856	\$10,000	\$14,414		\$303,270	\$294,809
2012	\$303,270	\$26,000	\$14,984	\$10,000		\$334,254
2013	\$334,254	\$26,780	\$20,055			\$381,089
2014	\$381,089	\$27,583	\$22,865			\$431,538
2015	\$431,538	\$28,411	\$25,892	\$10,927		\$474,914
2016	\$474,914	\$29,263	\$28,495			\$532,672
2017	\$532,672	\$30,141	\$31,960			\$594,773
2018	\$594,773	\$31,045	\$35,686	\$11,941		\$649,565
2019	\$649,565	\$31,977	\$38,974	\$22,442		\$698,073
2020	\$698,073	\$32,936	\$41,884			\$772,894
2021	\$772,894	\$33,924	\$46,374	\$13,048		\$840,144
2022	\$840,144	\$34,942	\$50,409			\$925,494
2023	\$925,494	\$35,990	\$55,530			\$1,017,014
2024	\$1,017,014	\$37,070	\$61,021	\$14,258		\$1,100,847
2025	\$1,100,847	\$38,182	\$66,051			\$1,205,079
2026	\$1,205,079	\$39,327	\$72,305			\$1,316,711
2027	\$1,316,711	\$40,507	\$79,003	\$15,580		\$1,420,642
2028	\$1,420,642	\$41,722	\$85,238	\$29,282		\$1,518,321
2029	\$1,518,321	\$42,974	\$91,099			\$1,652,394
2030	\$1,652,394	\$44,263	\$99,144	\$17,024		\$1,778,777
2031	\$1,778,777	\$45,591	\$106,727			\$1,931,094
2032	\$1,931,094	\$46,959	\$115,866			\$2,093,919
2033	\$2,093,919	\$48,368	\$125,635	\$18,603		\$2,249,319
2034	\$2,249,319	\$49,819	\$134,959			\$2,434,096
2035	\$2,434,096	\$51,313	\$146,046	\$1,234,087		\$1,397,369

Reserve Fund Requirements			
Clean and Repair Drains	Replace Truck	Resurface Perimeter Road	Resurface Remaining Roads
		49% of all roads	51% of all roads
Every 3 yrs from 2012	Every 9 yrs from 2010	24 yrs from 2011	39 yrs from 2011
3.0% inflation rate	3.0% inflation rate	4.5% inflation rate	4.5% inflation rate
\$9,300	\$17,200		
\$3,333	\$2,494	\$404,808	\$421,330
\$6,667	\$2,494	\$404,808	\$421,330
\$10,000	\$4,987	\$436,450	\$454,265
\$3,642	\$7,481	\$468,093	\$487,199
\$7,285	\$9,974	\$499,736	\$520,133
\$10,927	\$12,468	\$531,379	\$553,067
\$3,980	\$14,961	\$563,021	\$586,002
\$7,960	\$17,455	\$594,664	\$618,936
\$11,941	\$19,949	\$626,307	\$651,870
\$4,349	\$22,442	\$657,949	\$684,804
\$8,698	\$3,254	\$689,592	\$717,739
\$13,048	\$6,507	\$721,235	\$750,673
\$4,753	\$9,761	\$752,877	\$783,607
\$9,505	\$13,014	\$784,520	\$816,541
\$14,258	\$16,268	\$816,163	\$849,476
\$5,193	\$19,521	\$847,806	\$882,410
\$10,386	\$22,775	\$879,448	\$915,344
\$15,580	\$26,028	\$911,091	\$948,278
\$5,675	\$29,282	\$942,734	\$981,213
\$11,350	\$4,245	\$974,376	\$1,014,147
\$17,024	\$8,490	\$1,006,019	\$1,047,081
\$6,201	\$12,735	\$1,037,662	\$1,080,015
\$12,402	\$16,981	\$1,069,304	\$1,112,950
\$18,603	\$21,226	\$1,100,947	\$1,145,884
\$6,776	\$25,471	\$1,132,590	\$1,178,818
\$13,552	\$29,716	\$1,164,233	\$1,211,752
\$20,328	\$33,961		
	\$38,206		

\$408,500	Cost to resurface roads in 1996
\$888,422	Estimated cost in March of 2011
3.0%	Inflation rate for expense budgets, dues and fund contributions.
3.0%	Investment return over inflation.
\$328,041	budget for 2012.
8.0%	of dues to the reserve fund.
6%	effective tax on withdrawals in 2035

Changes from previous plan:	
Separated road resurfacing into two parts. Perimeter road and all other roads.	
Unusually large increase in the cost of asphalt in recent years. If trend continues, will require increase in reserve fund to resurface roads.	
Deleted gates and gate controls from the plan. Budget yearly expense for maint. and repair.	
Changed truck replacement period to 9 years. Previous truck lasted 10 years.	
Changed yearly fund contribution to a fixed percent of dues. Yearly increase of a fixed % is unsustainable.	
Fund contributions are made at year-end so they are not included in current-year return calc.	
Included impact of income tax on withdrawals. Yearly taxes included in the operating budget. Fund requirements are computed to show the amount needed year by year.	

2036
2037