

Fruit Heights City

~ Transportation Funding -- Cost and Improvement Summary ~

June 5, 2015

Definitions:

RSL -- This represents the "Remaining Service Life" of a road, measured in years.

ERU -- This represents an "Equivalent Residential Unit". In this case, 1 ERU equals 1 single family home.

Current Funding & Street Condition:

ERU's = 1,977

Current Annual Funding = \$185,000

Current Average RSL = 6.67

Current % of streets w/ RSL = 0 (in failure) = 23%

Scenario	Additional Cost ¹			Total Cost ²		Street Condition ³	
	Monthly Cost (\$/ERU)	Annual Cost (\$/ERU)	Total Annual Cost	Total Annual Cost	Total 10-yr Cost	Average RSL	% of streets w/ RSL = 0 (in failure)
1	\$0.00	\$0.00	\$0	\$185,000	\$0	5.35	63%
2	\$5.00	\$60.00	\$118,620	\$303,620	\$3,036,200	7.52	50%
3	\$10.00	\$120.00	\$237,240	\$422,240	\$4,222,400	9.80	38%
4	\$15.00	\$180.00	\$355,860	\$540,860	\$5,408,600	11.40	25%
5	\$20.00	\$240.00	\$474,480	\$659,480	\$6,594,800	13.66	10%
6	\$25.00	\$300.00	\$593,100	\$778,100	\$7,781,000	16.83	0%

1 -- The "Additional Cost" represents additional funding beyond the amount that the City currently has available to fund towards streets. This is the amount in question. This correlates with the "Street Condition" representing the amount of improvement that would result from the corresponding "Additional Cost" (e.g. If each residential home / ERU were charged \$15 per month, then the average RSL would increase from 6.67 to 11.40 over the next 10 years, leaving 25% of the streets in failure in the year 2025).

2 -- The "Total Cost" represents the current annual funding of \$185,000 per year plus the "Additional Cost" proposed, summarizing the total amount spent on streets each year.

3 -- The "Street Condition" represents the condition of the streets city-wide after the next 10 years, or the year 2025.