

Project: 828030 - Annual Slurry Seal of City Streets

Category:	Infrastructure	Project Type:	Traffic and Transportation	Project Manager:	Arely Trujillo
Year Identified:	2009	Project Phase:	Underway	Project Coordinator:	Jim Burch
Est. Completion Year:	Ongoing	Department:	250 - Public Works	Fund - Sub-Fund:	3201 - General Fund Assets

Project Description/Scope/Purpose:

Slurry seal is a maintenance treatment utilized by the City that extends the life of a road surface. Slurry seal cost effective to prolong the life of streets which have not degraded to the point of needing overlay or reconstruction. Slurry seal is most effective when used to extend the life of pavement that is already in good to very good condition.

This project covers staff overtime hours as well as contract construction costs of slurry sealing a portion of the City's streets each year. Corrective maintenance work, such as patching, chip seal or crack seal, as well as project administration and field management of the project, is generally completed by the City through contract or Street Operations. The pavement condition survey, as well as annual field inspections are used to determine which streets will most benefit from a slurry seal.

Slurry seal is most effective in protecting and extending the life of a pavement surface when applied on a regular cycle, normally every 7 to 10 years. The amount included in the budget will allow for approximately 5.0 million square feet of slurry seal annually.

Project Evaluation and Analysis:

Slurry seal is a maintenance treatment that extends the life of a road surface. Without slurry seal, streets will require expensive asphalt overlay on a more frequent basis, or streets will deteriorate.

Fiscal Impact:

This project was funded by General Fund and is funded by the Measure B Fund starting FY 2019/20 and going forward. All overages have been and will continue to be charged to Project 825290 - Pavement Rehabilitation.

Funding Sources:

General Fund, 2016 Measure B - Santa Clara VTA Fund

Plans and Goals:

CC - Community Character - CC-2: Attractive Street Environment

Project Financial Summary

	Project Costs	Revenues	Transfers In	Operating Costs
Prior Actual	4,333,181	7,500	2,151,198	-
2021 - 22	453,446	(7,500)	41,837	-
2022 - 23	635,867	-	-	-
2023 - 24	718,530	-	-	-
2024 - 25	632,978	-	-	-
2025 - 26	658,296	-	-	-
2026 - 27	684,629	-	-	-
2027 - 28	712,014	-	-	-
2028 - 29	740,494	-	-	-
2029 - 30	770,114	-	-	-
2030 - 31	800,918	-	-	-
2031 - 32	832,955	-	-	-
2032 - 33	866,274	-	-	-
2033 - 34	900,924	-	-	-
2034 - 35	936,961	-	-	-
2035 - 36	974,439	-	-	-
2036 - 37	1,013,417	-	-	-
2037 - 38	1,053,954	-	-	-
2038 - 39	1,096,112	-	-	-
2039 - 40	1,139,956	-	-	-
2040 - 41	1,185,555	-	-	-
2041 - 42	1,232,977	-	-	-
20 Year Total	17,587,364	-	-	-
Grand Total	22,373,990	-	2,193,034	-