

Project: 828030 - Annual Slurry Seal of City Streets

Category:	Infrastructure	Project Type:	Traffic and Transportation	Project Manager:	Richard Chen
Year Identified:	2009	Project Phase:	Underway	Project Coordinator:	Tony Pineda
Est. Completion Year:	Ongoing	Department:	C90 - Public Works	Fund - Sub-Fund:	610-100 - Infrastructure Renov & Replace - 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 is more cost effective than overlay or reconstruction to maintain asphalt pavement. It is less expensive, easy to apply, and has a much lower life cycle cost than traditional overlay or mill/fill work in extending the life of a road. 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 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 and all overages have been and will continue to be charged to Project 825290 - Pavement Rehabilitation.

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.

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	3,214,988	7,500	1,662,430	-
2019 - 20	462,600	(7,500)	530,604	-
2020 - 21	546,325	-	546,325	-
2021 - 22	562,714	-	562,714	-
2022 - 23	579,596	-	579,596	-
2023 - 24	596,984	-	596,984	-
2024 - 25	614,894	-	614,894	-
2025 - 26	633,340	-	633,340	-
2026 - 27	652,341	-	652,341	-
2027 - 28	671,911	-	671,911	-
2028 - 29	692,068	-	692,068	-
2029 - 30	712,830	-	712,830	-
2030 - 31	734,215	-	734,215	-
2031 - 32	756,242	-	756,242	-
2032 - 33	778,929	-	778,929	-
2033 - 34	802,297	-	802,297	-
2034 - 35	826,365	-	826,365	-
2035 - 36	851,156	-	851,156	-
2036 - 37	876,691	-	876,691	-
2037 - 38	902,991	-	902,991	-
2038 - 39	930,081	-	930,081	-
2039 - 40	957,984	-	957,984	-
20 Year Total	14,679,952	-	14,679,952	-
Grand Total	18,357,540	-	16,872,986	-