

828030 - Annual Slurry Seal of City Streets

Originating Year:	2009	Project Type:	Traffic and Transportation	Department:	250 - Public Works
Planned Completion Year:	Ongoing	Category:	Infrastructure	Project Manager:	Arely Trujillo

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 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	Operating Costs
Prior Actual	4,839,684	2,158,698	-
2022-23	582,810	34,337	-
2023-24	712,172	-	-
2024-25	674,357	-	-
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	-	-
2042-43	1,282,296	-	-
20 Year Total	18,268,814	-	-
Grand Total	23,691,308	2,193,034	-

820130 - Routine Resurfacing of City Owned Parking Lots

Originating Year:	1998	Project Type:	Traffic and Transportation	Department:	250 - Public Works
Planned Completion Year:	Ongoing	Category:	Infrastructure	Project Manager:	Sean Smith
Project Description/Scope/Purpose				Project Financial Summary	
This project funds resurfacing (including preparation, patching, slurry seal, curb painting and striping) of City-owned parking lots. Lots are resurveyed by staff every two years to update condition, scheduling, and estimated cost. Estimates are based on past costs, current conditions, and projected material costs. Changes in material prices, related projects, and delays can result in cost and timing changes.				Project Costs	Revenues
Scheduled resurfacing includes the following:				Operating Costs	
FY22/23- Tennis Center, Serra Park, Braly Park, Ponderosa Park				Prior Actual	324,627
FY23/24- Sunken Gardens, and Sunnyvale Municipal Lots				2022-23	182,345
FY24/25- Library Parking Lots				2023-24	216,420
FY25/26- Community Center Lots				2024-25	40,169
FY26/27- Corp Yard				2025-26	20,783
FY27/28- Various Park parking lots (To be determined based on current conditions, budget, and department needs)				2026-27	49,179
This project also covers all of the remaining parking lots within the Civic Center and will be updated after the completion of the new Civic Center. Funding in other years serves as a placeholder for resurfacing that has yet to be determined.				2027-28	27,077
				2028-29	31,769
				2029-30	-
				2030-31	-
				2031-32	-
				2032-33	28,936
				2033-34	83,944
				2034-35	23,282
				2035-36	33,387
				2036-37	23,848
				2037-38	80,553
				2038-39	32,857
				2039-40	33,843
				2040-41	34,858
				2041-42	35,904
				2042-43	36,981
				20 Year Total	617,369
				Grand Total	1,158,416
					182,690

827570 - Downtown Parking District Major Maintenance

Originating Year:	2008	Project Type:	Downtown	Department:	250 - Public Works
Planned Completion Year:	Ongoing	Category:	Infrastructure	Project Manager:	Richard Chen

Project Description/Scope/Purpose

This project provides for maintenance of the Downtown Parking District. Funding will provide for various maintenance activities including, prep work prior to resurfacing, slurry seal resurfacing, curb painting, sign repairs and replacement, concrete repairs, asphalt concrete repair or resurface, parking lot and pathway lighting replacement and re-striping as necessary.

The parking lots that are maintained by this project are as follows:

Frances Parking Lot - Frances Avenue and Evelyn Avenue
Goodwill Parking Lot - Sunnyvale Avenue and Evelyn Avenue
Carroll Parking Lot - Sunnyvale Avenue and Carroll Street
Carroll Parking Lot - McKinley Avenue and Carroll Street

The parking lots were last treated in FY 2017/18 and are on a six-year cycle for treatment.

The parking lots on Frances Avenue and Evelyn Avenue and Sunnyvale Avenue and Carroll Street are scheduled for resurfacing in FY 2023/24 with the remaining lots, Sunnyvale Avenue and Evelyn Avenue, and Carroll Street and McKinley Avenue, scheduled in FY 2024/25. This work includes all prep work as well as follow up work warranted. This will use both city staff hours, materials, as well as contract work.

The funds in FY 2029/30 are for design for the next cycle of work for parking lots, which includes Frances Avenue and Evelyn Avenue, and Sunnyvale Avenue and Carroll Street in FY 2030/31, and the remaining lots at Sunnyvale Avenue and Evelyn Avenue, and Carroll Street and McKinley Avenue, scheduled in FY 2031/32.

The funds in FY 2035/36 are for design in the out years for parking lots Frances Avenue and Evelyn Avenue, and Sunnyvale Avenue and Carroll Street, which are scheduled for FY 2036/37, and the remaining lots are scheduled as follows: Sunnyvale Avenue and Evelyn Avenue (FY 2037/38), and Carroll Street and McKinley Avenue (FY 2038/39).

Project Evaluation and Analysis

The Parking District Fund is a small fund that provides for the ongoing landscape and maintenance of downtown parking lots through assessments on property owners within the district. This project is for the maintenance and warranted repairs needed for the downtown area. Accomplishing this maintenance effort on the parking lots will improve the aesthetics of the entire downtown.

Fiscal Impact

This project is funded by the Parking District Fund. Maintenance improvements of the downtown parking lots are funded entirely by the Downtown Parking District assessment paid by downtown businesses.

Funding Sources

Parking District Fund

Plans and Goals

LT - Land Use and Transportation - LT-1: Coordinated Regional and Local Planning

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

Project Financial Summary

	Project Costs	Revenues	Operating Costs
Prior Actual	424,965	-	-
2022-23	-	-	-
2023-24	150,542	-	-
2024-25	138,397	-	-
2025-26	-	-	-
2026-27	-	-	-
2027-28	-	-	-
2028-29	-	-	-
2029-30	21,607	-	-
2030-31	142,558	-	-
2031-32	143,942	-	-
2032-33	-	-	-
2033-34	-	-	-
2034-35	-	-	-
2035-36	80,139	-	-
2036-37	368,184	-	-
2037-38	-	-	-
2038-39	357,690	-	-
2039-40	-	-	-
2040-41	-	-	-
2041-42	-	-	-
2042-43	-	-	-
20 Year Total	1,403,058	-	-
Grand Total	1,828,023	-	-