

**CREEKS & DRAINAGE: Reducing Flooding & Protecting Water Quality**

CIP #	Capital Budget by Project	Estimated Cumulative Prior Expenditures	Estimated 2020 21 Carryover	Requested Funding 2021-22	Anticipated Request 2022-23	Anticipated Request 2023-24	Anticipated Request 2024-25	Anticipated Request 2025-26	5-year Total	Notes
CD-1	Storm Water Trash Reduction Systems									
	General Fund			\$0	\$98,400	\$196,800	\$196,800	\$196,800	\$688,800	
	<b>SUBTOTAL</b>	<i>N/A</i>	<i>N/A</i>	\$0	\$98,400	\$196,800	\$196,800	\$196,800	\$688,800	
CD-2	Brasil Street Neighborhood Drainage Improvements									
	General Fund			\$0	\$0	\$60,000	\$0	\$0	\$60,000	
	<b>SUBTOTAL</b>	<i>N/A</i>	<i>N/A</i>	\$0	\$0	\$60,000	\$0	\$0	\$60,000	
CD-3	Broadway & Leveroni Road Flood Reduction & Trash Capture Project									
	General Fund			\$0	\$200,000	\$0	\$0	\$0	\$200,000	
	Unfunded (Possibly Funded with Sonoma County Water Agency Flood Protection Zone 3A Funding)			\$0	\$0	\$565,000	\$0	\$0	\$565,000	
	Unfunded (Possibly Funded with Other Grant Funds)			\$0	\$0	\$565,000	\$0	\$0	\$565,000	
	<b>SUBTOTAL</b>	<i>N/A</i>	<i>N/A</i>	\$0	\$200,000	\$1,130,000	\$0	\$0	\$1,330,000	
CD-4	Olsen Park Detention & Trash Capture									
	Unfunded (Possibly Funded with Sonoma County Water Agency Flood Protection Zone 3A Funding)			\$0	\$0	\$0	\$1,525,000	\$0	\$1,525,000	
	Unfunded (Possibly Funded with Other Grant Funds)			\$0	\$0	\$0	\$1,525,000	\$0	\$1,525,000	
	<b>SUBTOTAL</b>	<i>N/A</i>	<i>N/A</i>	\$0	\$0	\$0	\$3,050,000	\$0	\$3,050,000	
	<b>TOTAL</b>			\$0	\$298,400	\$1,386,800	\$3,246,800	\$196,800	\$5,128,800	

**Project Name: Storm Water Trash Reduction Systems**

**CIP Number: CD-1**

**Project Description:** Storm water runoff conveys significant amounts of trash to local creeks, negatively impacting water quality and wildlife. In June 2017, the State Water Resources Control Board designated 23 municipalities in the northern portion of the San Francisco Bay Area, including Sonoma, as subject to trash reduction requirements included in the Statewide Trash Amendments. By December 1, 2018, the City was required to submit a trash reduction plan to the State Water Board. In subsequent years, trash reduction systems will need to be added to the City's storm drain network. The City will be required to retrofit its storm drain system to capture 100% of trash originating from designated priority land-uses over a ten-year period. The detailed trash reduction plan and proposed trash reduction system are being developed. Capital Improvement Program projects CD-3 and CD-5, if funded, would meet a portion of the City's trash reduction system requirements and reduce the overall cost of this project.



**Project Contact:** TBD, Environmental Compliance Analyst

**Estimated Construction:** 2023-2029

**Estimated Cumulative Prior Expenditures:** N/A

**Estimated 2020-21 Carryover:** N/A

**Total Project Funding:** \$984,000 (Total Cost of 10-Year Compliance Strategy)

Funding Source	Requested Funding 2021-22	Anticipated Request 2022-23	Anticipated Request 2023-24	Anticipated Request 2024-25	Anticipated Request 2025-26	5-year Total
General Fund	\$0	\$98,400	\$196,800	\$196,800	\$196,800	\$688,800
<b>Total</b>	<b>\$0</b>	<b>\$98,400</b>	<b>\$196,800</b>	<b>\$196,800</b>	<b>\$196,800</b>	<b>\$688,800</b>



## CREEKS & DRAINAGE: Reducing Flooding & Protecting Water Quality

**Project Name:** Brazil Street Neighborhood Drainage Improvements

**CIP Number:** CD-2

**Project Description:** During intense storm events, runoff from the hillside above Brazil Street near Fourth Street East flows across Brazil Street and through properties south of Brazil Street. For many years, property owners have asked the City to improve the drainage system on the north side of Brazil Street to reduce flooding of their properties. City staff is not aware of any flooding of structures. Some of the existing driveway culverts in the area are partially blocked with debris. Some driveway culverts are too small. A portion of the drainage swale is undersized. This type of drainage problem often occurs at the interface between steeper and gentler hillside slopes. This project addresses the resultant nuisance flooding along Brazil Street and Fourth Street East through maintenance of 2 driveway culverts and replacement/upsizing of 5 driveway culverts and 1 roadside drainage swale.



**Project Contact:** TBD, Environmental Compliance Analyst

**Estimated Construction:** Summer 2024

**Estimated Cumulative Prior Expenditures:** N/A

**Estimated 2020-21 Carryover:** N/A

**Total Project Funding:** \$60,000

Funding Source	Requested Funding 2021-22	Anticipated Request 2022-23	Anticipated Request 2023-24	Anticipated Request 2024-25	Anticipated Request 2025-26	5-year Total
General Fund	\$0	\$0	\$60,000	\$0	\$0	\$60,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$60,000</b>

## CREEKS & DRAINAGE: Reducing Flooding & Protecting Water Quality

### Project Name: Broadway & Leveroni Road Flood Reduction & Trash Capture Project

**CIP Number:** CD-3

**Project Description:** The Broadway/Leveroni Road area is the major southern gateway to Sonoma, but it is at risk of flooding during major storms and has documented trash and litter issues that are impacting nearby creeks.

The project reduces flooding along Broadway and surrounding areas by eliminating a constriction in the existing storm drain conduit just north of the Broadway/Leveroni Road intersection in Sonoma. This project component was identified in the 2011 Storm Drain Master Plan as Project CIP-6.

The project also removes trash from a large high-trash-generation area through installation of a large hydro-dynamic separator south of the Broadway/Leveroni Road intersection. Additionally, the project would include minor frontage improvements, including Low-Impact-Development features on the northeast and southeast corners of the intersection. These improvements would enhance pedestrian safety and provide treatment for runoff from the adjacent roadways.



**Project Contact:** TBD, Environmental Compliance Analyst

**Estimated Construction:** TBD

**Estimated Cumulative Prior Expenditures:** N/A

**Estimated 2020-21 Carryover:** N/A

**Total Project Funding:** \$1,330,000

Funding Source	Requested Funding 2021-22	Anticipated Request 2022-23	Anticipated Request 2023-24	Anticipated Request 2024-25	Anticipated Request 2025-26	5-year Total
General Fund	\$0	\$200,000	\$0	\$0	\$0	\$200,000
Unfunded (Possibly Funded with Sonoma County Water Agency Flood Protection Zone 3A Funding)	\$0	\$0	\$565,000	\$0	\$0	\$565,000
Unfunded (Possibly Funded with Other Grant Funds)	\$0	\$0	\$565,000	\$0	\$0	\$565,000
<b>Total</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$1,130,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,330,000</b>



## CREEKS & DRAINAGE: Reducing Flooding & Protecting Water Quality

**Project Name:** Olsen Park Detention & Trash Capture

**CIP Number:** CD-4

**Project Description:** Fryer Creek is subject to flooding during large storms and is negatively impacted by trash and litter that washes into it through the storm drain system when it rains.

This project reduces this flood risk by diverting stormwater from the existing storm drain system upstream of Fryer Creek into an underground detention basin beneath Olsen Park. After the detention basin is constructed, the park facilities will be replaced and upgraded. The flood reduction benefit of the underground detention basin will help offset incremental increases in downstream flows associated with the future completion of the 2011 Storm Drain Master Plan Project CIP-4.

The new drainage structure will also capture trash and litter that washes off of neighboring streets during storms, improving water quality in both Fryer Creek and Sonoma Creek and helping Sonoma comply with the Statewide Trash Amendments stormwater regulations.



**Project Contact:** TBD, Environmental Compliance Analyst

**Estimated Construction:** TBD

**Estimated Cumulative Prior Expenditures:** N/A

**Estimated 2020-21 Carryover:** N/A

**Total Project Funding:** \$3,050,000

Funding Source	Requested Funding 2021-22	Anticipated Request 2022-23	Anticipated Request 2023-24	Anticipated Request 2024-25	Anticipated Request 2025-26	5-year Total
Unfunded (Possibly Funded with Sonoma County Water Agency Flood Protection Zone 3A Funding)	\$0	\$0	\$0	\$1,525,000	\$0	\$1,525,000
Unfunded (Possibly Funded with Other Grant Funds)	\$0	\$0	\$0	\$1,525,000	\$0	\$1,525,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,050,000</b>	<b>\$0</b>	<b>\$3,050,000</b>