

SECTION III: STORMWATER PROJECTS

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Stormwater Capital Improvement Program Master Plan

CP18-2183



Project Status: Planned
Planned Construction Start: FY 2017/18
Estimated Completion: FY 2018/19

Initial Funding Year: FY 2016/17
Project Budget: \$800,000
Expended as of 3/31/2017: \$0

The City experiences intermittent localized flooding in areas of the City where storm drain pipes and culverts are undersized and cannot convey the design storm. This project will develop a master plan that will identify existing flooding problems within the City and provide recommended solutions. The plan will include hydrologic and hydraulic analysis of the City drainage system, including pipes and culverts and develop a priority list of recommended capital improvement projects.



	Prior Appropriations	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Post FY 2021/22	Total
Source of Funds:								
5300 - Stormwater								
Enterprise Fund (SWU I)	\$ 100,000	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000
Total Sources	\$ 100,000	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000
Use of Funds:								
Preliminary Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Right of Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Contract	\$ -	\$ 350,000	\$ 250,000	\$ 200,000	\$ -	\$ -	\$ -	\$ 800,000
Other Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Uses	\$ -	\$ 350,000	\$ 250,000	\$ 200,000	\$ -	\$ -	\$ -	\$ 800,000

Stormwater Lift Station Generators

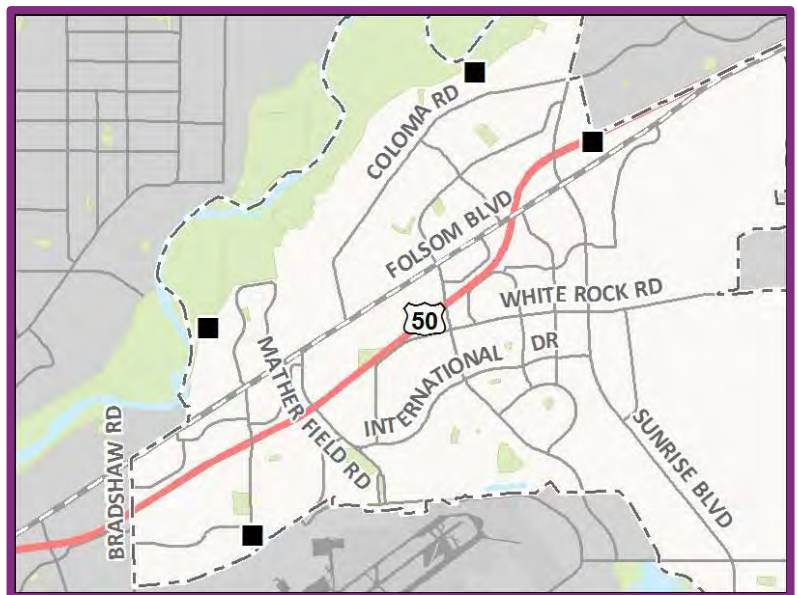
CP17-2182



Project Status: Planned
Planned Construction Start: FY 2017/18
Estimated Completion: FY 2019/20

Initial Funding Year: FY 2016/17
Project Budget: \$500,000
Expended as of 3/31/2017: \$0

This project would purchase up to 4 portable generators to be located and operated at the City's storm system pump stations



	Prior Appropriations	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Post FY 2021/22	Total
Source of Funds:								
5300 - Stormwater								
Enterprise Fund (SWU I)	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ 500,000
Total Sources	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ 500,000
Use of Funds:								
Preliminary Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Right of Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Contract	\$ -	\$ 250,000	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ 500,000
Other Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Uses	\$ -	\$ 250,000	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ 500,000

Stormwater Lift Station Pump Replacement

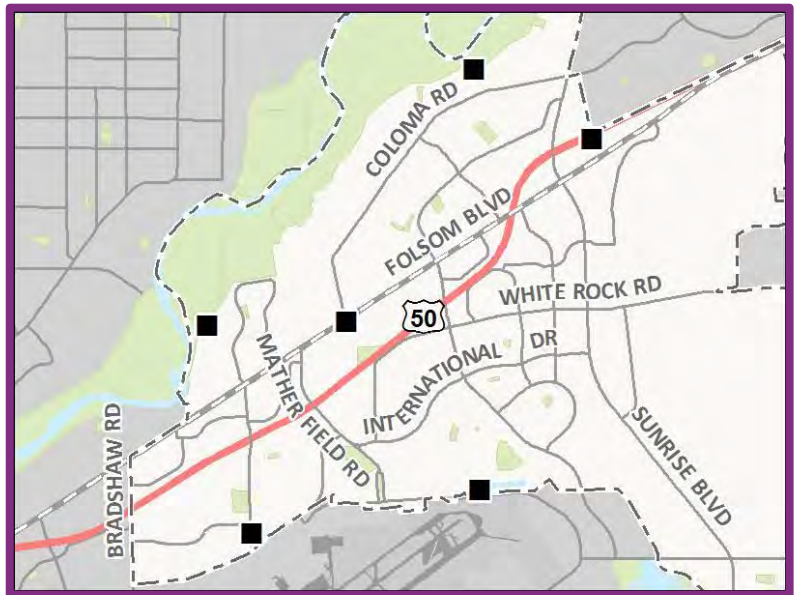
CP15-2151



Project Status: Planned
Planned Construction Start: FY 2017/18
Estimated Completion: FY 2017/18

Initial Funding Year: FY 2015/16
Project Budget: \$250,000
Expended as of 3/31/2017: \$0

The City of Rancho Cordova has approximately 22 stormwater pumps at 6 stormwater lift stations located throughout the City. These pumps and associated equipment must be replaced at the end of their life cycle to ensure that the City's stormwater drainage system functions properly.



	Prior Appropriations	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Post FY 2021/22	Total
Source of Funds:								
5300 - Stormwater								
Enterprise Fund (SWU I)	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Total Sources	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Use of Funds:								
Preliminary Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Right of Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Contract	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 250,000
Other Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Uses	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 250,000

Stormwater Annual Drainage Projects Program

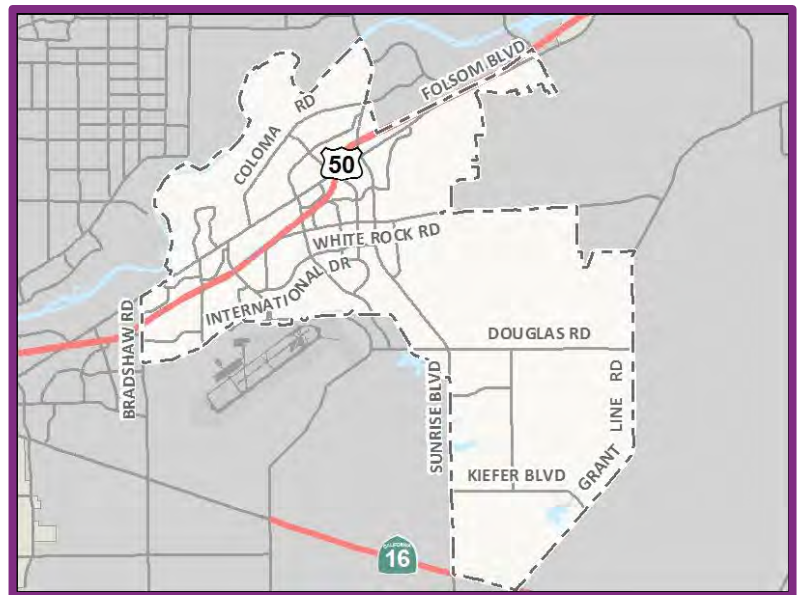
CP18-2184



Project Status: Planned
Planned Construction Start: FY 2017/18
Estimated Completion: FY 2021/22

Initial Funding Year: FY 2017/18
Project Budget: \$750,000
Expended as of 3/31/2017: \$0

This project consists of identifying projects on an annual basis through problem identification, citizen complaints and input from the stormwater maintenance crew.



	Prior Appropriations	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Post FY 2021/22	Total
Source of Funds:								
5300 - Stormwater								
Enterprise Fund (SWU I)	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ 750,000
Total Sources	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ 750,000
Use of Funds:								
Preliminary Engineering		\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000		\$ 150,000
Right of Way		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Construction Engineering		\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000		\$ 100,000
Construction Contract		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000		\$ 500,000
Other Costs		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Total Uses		\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ 750,000

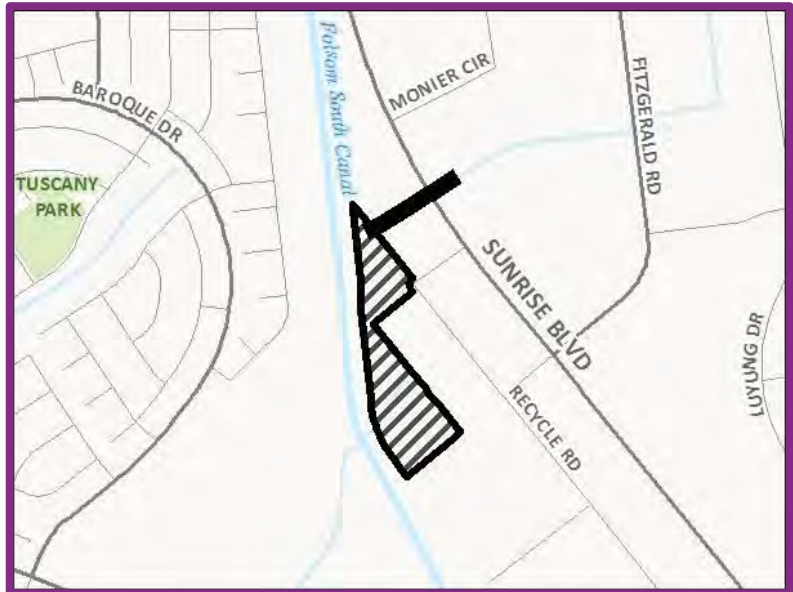
Sunrise Boulevard and Monier Circle Drainage Improvements

CP15-2148



Project Status:	Planned	Initial Funding Year:	FY 2015/16
Planned Construction Start:	FY 2019/20	Project Budget:	\$2,000,000
Estimated Completion:	FY 2020/21	Expended as of 3/31/2017:	\$0

Improvements will be made to the drainage basin between Sunrise Boulevard and the Folsom South Canal to increase the capacity and storage of stormwater. Improvements include increasing the capacity of the canal crossing at Sunrise Boulevard between Monier Circle and Fitzgerald Road to reduce the potential for Sunrise Boulevard to flood in severe rain events.



	Prior Appropriations	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Post FY 2021/22	Total
Source of Funds:								
5300 - Stormwater								
Enterprise Fund (SWU I)	\$ 455,000	\$ -	\$ -	\$ 545,000	\$ -	\$ -	\$ -	\$ 1,000,000
Funding Source To Be Determined	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,000,000
Total Sources	\$ 455,000	\$ -	\$ -	\$ 1,545,000	\$ -	\$ -	\$ -	\$ 2,000,000
Use of Funds:								
Preliminary Engineering	\$ -	\$ -	\$ 170,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 270,000
Right of Way	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Engineering	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
Construction Contract	\$ -	\$ -	\$ -	\$ -	\$ 1,530,000	\$ -	\$ -	\$ 1,530,000
Other Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Uses	\$ -	\$ -	\$ 170,000	\$ 100,000	\$ 1,730,000	\$ -	\$ -	\$ 2,000,000