

**CAPITAL IMPROVEMENT PROGRAM DETAIL**

**STREETS**

**Project Name:** Peyton Drive and English Channel – Phase 3  
**Project Number:** S15009  
**Program Year Initiated:** FY 2014-15  
**Estimated Completion Year:** FY 2019-20  
**Project Description:** The construction work for the Peyton Drive widening and English Channel improvements was completed in 2016. The remaining work to be done is the environmental mitigation work for the English Channel (a requirement of the regulatory agencies).  
  
**Funding Source:** SAFETEA-LU (FHWA Grant) - \$3,748,400;  
San Bernardino County Flood Control District Grant - \$1,489,600;  
Community Facilities District (CFD) 2 - \$958,759;  
SANBAG Nexus Grant - \$1,903,241;  
Water Utility - \$245,000;  
Storm Drain Facilities Fee - \$2,000,000  
  
**Total Project Estimate:** \$10,345,000  
**Expenditures to Date:** \$7,560,832

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**Project Name:** Soquel Canyon Parkway Rehabilitation  
**Project Number:** S17008  
**Program Year Initiated:** FY 2016-17  
**Estimated Completion Year:** FY 2019-20  
**Project Description:** Pavement rehabilitation and restriping, including buffered bike lane (grind and AC overlay) for Soquel Canyon Parkway from SR-71 to Pipeline Avenue.  
  
**Funding Source:** CFD 9 – Construction  
  
**Total Project Estimate:** \$2,500,000  
**Expenditures to Date:** \$179,035

CAPITAL IMPROVEMENT PROGRAM DETAIL

STREETS (Continued)

Project Name: Street Improvement Program (Annual – FY 2018-19)
Project Number: S19001
Program Year Initiated: FY 2018-19
Estimated Completion Year: FY 2019-20
Project Description: Annual overlay and/or slurry seal various City streets pursuant to the City's Pavement Management Program.

Funding Source: Measure I - \$1,250,000
Gas Tax - \$850,000

Total Project Estimate: \$2,100,000
Expenditures to Date: \$54,630

Project Name: Los Serranos Transit Access Project
Project Number: S19003
Program Year Initiated: FY 2018-19
Estimated Completion Year: FY 2019-20
Project Description: Improve accessibility to two transit bus stops on Yorba Avenue by constructing new sidewalks, curbs, gutters, paving, and ADA-compliant access ramps on Fairway Avenue and Yorba Avenue.

Funding Source: San Bernardino County Transportation Authority TDA Grant - \$87,100;
Measure I - \$152,900

Total Project Estimate: \$240,000
Expenditures to Date: \$14,703

Project Name: Rolling Ridge Drive Rehabilitation
Project Number: S19004
Program Year Initiated: FY 2018-19
Estimated Completion Year: FY 2019-20
Project Description: Pavement rehabilitation of Rolling Ridge Drive from Chino Hills Pkwy to Bayberry Drive. The work will include the removal and reconstruction of damaged pavement, curbs and gutters, ADA access ramps, grind and overlay of existing pavement, adjustment of manholes and water valves, striping, and signing.

Funding Source: Road Maintenance & Rehabilitation Account - \$1,339,700;
Gas Tax - \$200,000

Total Project Estimate: \$1,539,700
Expenditures to Date: \$101,346

**CAPITAL IMPROVEMENT PROGRAM DETAIL**

**STREETS (Continued)**

**Project Name:** Los Serranos Safe Routes to School West Project  
**Project Number:** S19005  
**Program Year Initiated:** FY 2018-19  
**Estimated Completion Year:** FY 2019-20  
**Project Description:** Construction of ADA-compliant sidewalks, curbs, gutters, driveways and paving along El Molino Boulevard, Lugo Avenue, and Gird Avenue, and construct a decomposed granite path between Country Club Drive and Gird Avenue.  
  
**Funding Source:** SBCTA TDA Grant - \$249,800;  
Community Development Block Grant - \$250,198  
  
**Total Project Estimate:** \$499,998  
**Expenditures to Date:** \$9,115

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**Project Name:** Calle San Marcos and Eagle Canyon Drive Pavement Rehabilitation  
**Project Number:** S19006  
**Program Year Initiated:** FY 2018-19  
**Estimated Completion Year:** FY 2019-20  
**Project Description:** Grind and overlay asphalt pavement, construct ADA ramps, striping and adjust utility manholes on Calle San Marcos Street from Grand Avenue to Norte Vista Drive, Norte Vista Drive from Calle San Marcos Street to Eagle Canyon Drive, and Eagle Canyon Drive from Norte Vista Drive to Wandering Ridge Drive.  
  
**Funding Source:** CFD 1 – Rolling Ridge  
  
**Total Project Estimate:** \$520,000  
**Expenditures to Date:** \$52,449

**CAPITAL IMPROVEMENT PROGRAM DETAIL**

**STREETS (Continued)**

Project Name: **Valle Vista Drive/Bayberry Drive Rehabilitation**  
Project Number: **S19008**  
Program Year Initiated: **FY 2018-19**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Grind and overlay asphalt pavement, construct ADA ramps, striping, and adjust utility manholes on Valle Vista Drive from Peyton Drive to Tall Oak Drive, Bayberry Drive from Tall Oak Drive to Peyton Drive, and Paisley Street from Peyton Drive to Bayberry Drive.**

Funding Source: **CFD 4 – The Oaks**

**Total Project Estimate: \$905,000**  
**Expenditures to Date: \$73,125**

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Project Name: **Street Improvement Program (Annual – FY 2019-20)**  
Project Number: **New**  
Program Year Initiated: **FY 2019-20**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Annual overlay and/or slurry seal various City streets pursuant to the City's Pavement Management Program.**

Funding Source: **Measure I**

**Total Project Estimate: \$1,250,000**

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Project Name: **Sidewalk Replacement Program (Annual – FY 2019-20)**  
Project Number: **New**  
Program Year Initiated: **FY 2019-20**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Annual program to replace damaged sidewalks throughout the City.**

Funding Source: **Measure I**

**Total Project Estimate: \$200,000**

**CAPITAL IMPROVEMENT PROGRAM DETAIL**

**STREETS (Continued)**

Project Name: **Striping Program (Annual – FY 2019-20)**  
Project Number: **New**  
Program Year Initiated: **FY 2019-20**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Annual program for striping and pavement markings.**

Funding Source: **Gas Tax**

**Total Project Estimate: \$75,000**

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Project Name: **Canon Lane Pavement Rehabilitation**  
Project Number: **New**  
Program Year Initiated: **FY 2019-20**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Grind and overlay existing deteriorated pavement and restriping on Canon Lane from Carbon Canyon Road to West End.**

Funding Source: **CFD 6 – Carbon Canyon**

**Total Project Estimate: \$150,000**

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Project Name: **Canyon Hills Road Pavement Rehabilitation**  
Project Number: **New**  
Program Year Initiated: **FY 2019-20**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Grind and overlay existing deteriorated pavement and restriping on Canyon Hills Road from Carbon Canyon Road to Spring Creek Way.**

Funding Source: **Gas Tax**

**Total Project Estimate: \$380,000**

**CAPITAL IMPROVEMENT PROGRAM DETAIL****STREETS (Continued)**

Project Name: **Mystic Canyon Drive Pavement Rehabilitation**  
Project Number: **New**  
Program Year Initiated: FY 2019-20  
Estimated Completion Year: FY 2019-20  
Project Description: Grind and overlay existing deteriorated pavement and restriping on Mystic Canyon Drive from Butterfield Ranch Road to Shady View Drive.

Funding Source: Road Maintenance & Rehabilitation Account

**Total Project Estimate: \$956,400**

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Project Name: **Pine Avenue Pavement Rehabilitation**  
Project Number: **New**  
Program Year Initiated: FY 2019-20  
Estimated Completion Year: FY 2019-20  
Project Description: Grind and overlay existing deteriorated pavement and restriping on Pine Avenue from Butterfield Ranch Road to SR-71.

Funding Source: Road Maintenance & Rehabilitation Account

**Total Project Estimate: \$420,000**

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Project Name: **Pipeline Avenue Pavement Rehabilitation (Chino Hills Parkway – Glen Ridge Dr.)**  
Project Number: **New**  
Program Year Initiated: FY 2019-20  
Estimated Completion Year: FY 2019-20  
Project Description: Grind and overlay existing deteriorated pavement and restriping on Pipeline Avenue from Chino Hills Parkway to Glen Ridge Drive.

Funding Source: CFD 5 – Soquel Cyn, Rincon & Woodview

**Total Project Estimate: \$500,000**

**CAPITAL IMPROVEMENT PROGRAM DETAIL****STREETS (Continued)**

Project Name: **Pipeline Avenue Pavement Rehab (Valle Vista Dr. – Bayberry Dr.)**  
Project Number: **New**  
Program Year Initiated: **FY 2019-20**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Grind and overlay existing deteriorated pavement and restriping on Pipeline Avenue from Valle Vista Drive to Bayberry Drive.**

Funding Source: **Community Development Block Grant**

**Total Project Estimate: \$300,200**

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Project Name: **Shady View Drive Pavement Rehabilitation**  
Project Number: **New**  
Program Year Initiated: **FY 2019-20**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Grind and overlay existing deteriorated pavement and restriping on Shady View Drive from Butterfield Ranch Road to end.**

Funding Source: **CFD 8 – Butterfield**

**Total Project Estimate: \$300,000**

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Project Name: **Slate Drive Pavement Rehabilitation**  
Project Number: **New**  
Program Year Initiated: **FY 2019-20**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Grind and overlay existing deteriorated pavement and restriping on Slate Drive from Butterfield Ranch Road to Soquel Canyon Parkway.**

Funding Source: **CFD 5 – Soquel Cyn, Rincon & Woodview**

**Total Project Estimate: \$750,000**

**CAPITAL IMPROVEMENT PROGRAM DETAIL**

**STREETS (Continued)**

Project Name: **SR-71 Off-ramp at Soquel Canyon Parkway**  
Project Number: **New**  
Program Year Initiated: **FY 2019-20**  
Estimated Completion Year: **FY 2020-21**  
Project Description: **Realign SR-71 southbound off-ramp to Soquel Canyon Parkway to add a third lane and increase storage. Caltrans will design and construct the project. City will contribute a fixed amount of \$340,000 to the project.**

Funding Source: **General Fund Special Project Reserves - \$217,915;  
Traffic Impact Fee - \$122,085**

**Total Project Estimate: \$340,000**

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Project Name: **Traffic Management System**  
Project Number: **New**  
Program Year Initiated: **FY 2019-20**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Implement, enhance, and upgrade obsolete traffic management system for signals in town at various locations.**

Funding Source: **Air Quality Management District**

**Total Project Estimate: \$300,000**



CAPITAL IMPROVEMENT PROGRAM DETAIL

PUBLIC FACILITIES

Project Name: **Transfer Station**  
 Project Number: **F18004**  
 Program Year Initiated: FY 2017-18  
 Estimated Completion Year: FY 2019-20  
 Project Description: Identify a location, design, and construct a transfer station for the green waste and road repair spoils. Pave, fence, and install bins for storage of materials for the Public Works operations.

Funding Source: General Fund (Capital Improvement) - \$25,000;  
 Landscape & Lighting - Administration - \$178,200;  
 Water Utility - \$387,500;  
 Sewer Utility - \$116,300

**Total Project Estimate: \$707,000**  
**Expenditures to Date: \$50,112**

Project Name: **Energy Efficiency Upgrades**  
 Project Number: **F18006**  
 Program Year Initiated: FY 2017-18  
 Estimated Completion Year: FY 2019-20  
 Project Description: Install LED upgrades to the following: Chino Hills Community Center path and walkway lighting, exterior wall packs, up-lighting for the flags, the City Yard's security lighting and various park restrooms.

Funding Source: General Fund (Capital Improvement)

**Total Project Estimate: \$198,000**  
**Expenditures to Date: \$60,911**

Project Name: **Community Center Landscape Renovations**  
 Project Number: **New**  
 Program Year Initiated: FY 2019-20  
 Estimated Completion Year: FY 2019-20  
 Project Description: Remove approximately 15,400 sq. ft. of turf, reconfigure irrigation system, and re-landscape.

Funding Source: CFD 1 – Rolling Ridge - \$720;  
 CFD 2 – Los Ranchos Special Tax - \$2,880;  
 CFD 4 – The Oaks - \$57,600;  
 CFD 6 – Carbon Canyon - \$8,640;  
 CFD 8 – Butterfield - \$2,160

**Total Project Estimate: \$72,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PARKS/OPEN SPACE

Project Name: Los Serranos Park
Project Number: 800212
Program Year Initiated: FY 1998-99
Estimated Completion Year: FY 2019-20
Project Description: Development of a community park in the Los Serranos neighborhood, including environmental, design, and construction.

Funding Source: General Fund (Capital Improvement) - \$524,598; Parks & Recreation Facilities Fee - \$1,301,100; Quimby In-Lieu - \$1,423,000; CFD 5 - Soquel Cyn, Rincon & Woodview - \$1,575,759

Total Project Estimate: \$4,824,457
Expenditures to Date: \$2,410,908

Project Name: Community Park Overflow Parking Lot
Project Number: P18001
Program Year Initiated: FY 2017-18
Estimated Completion Year: FY 2019-20
Project Description: Improve a portion of the lot on the southwest corner of Peyton Drive and Eucalyptus Avenue to accommodate overflow parking from Chino Hills Community Park.

Funding Source: CFD 2 - Los Ranchos

Total Project Estimate: \$412,000

Project Name: Torrey Pines Park Rehabilitation
Project Number: P18004
Program Year Initiated: FY 2017-18
Estimated Completion Year: FY 2019-20
Project Description: Remove gazebo and equestrian ring. Construct one tennis court and one playground. Rehab landscaping and parking lot.

Funding Source: General Fund (Capital Improvement)

Total Project Estimate: \$350,000
Expenditures to Date: \$41,199

**CAPITAL IMPROVEMENT PROGRAM DETAIL**

**PARKS/OPEN SPACE (Continued)**

Project Name: **Veterans Park Amphitheater**  
Project Number: **P19001**  
Program Year Initiated: **FY 2018-19**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Planning and design of a permanent amphitheater at Veterans Park.**

Funding Source: **CFD 2 – Los Ranchos**

**Total Project Estimate: \$200,000**  
**Expenditures to Date: \$113**

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Project Name: **Hollow Run Nature Park Tree Grant**  
Project Number: **P19002**  
Program Year Initiated: **FY 2018-19**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Remove 186 dead and declining Eucalyptus trees in Hollow Run Nature Park, plan 287 indigenous species of trees, and remove invasive plant species and downed trees hindering the drainage through the park.**

Funding Source: **Environmental Enhancement and Mitigation Project Grant - \$279,169;  
General Fund (Capital Improvement) - \$10,000**

**Total Project Estimate: \$289,169**  
**Expenditures to Date: \$404**

**CAPITAL IMPROVEMENT PROGRAM DETAIL****WATER**

Project Name: **Supervisory Control & Data Acquisition System (SCADA) - Water**  
Project Number: **800162**  
Program Year Initiated: FY 1997-98  
Estimated Completion Year: FY 2019-20  
Project Description: This project will expand/modify the City-wide telemetry system for water facilities.

Funding Source: Water Facilities Fee - \$665,800;  
Water Utility - \$166,500

**Total Project Estimate: \$832,300**  
**Expenditures to Date: \$510,125**

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Project Name: **Well 16 ASR**  
Project Number: **W08001**  
Program Year Initiated: FY 2007-08  
Estimated Completion Year: FY 2019-20  
Project Description: Aquifer Storage Recovery (ASR) at Well 16; includes system connection as necessary.

Funding Source: Department of Water Resources Grant - \$250,000;  
Chino Basin Watermaster Grant - \$202,000;  
Water Utility - \$313,100

**Total Project Estimate: \$765,100**  
**Expenditures to Date: \$734,226**

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Project Name: **Reservoir No. 18**  
Project Number: **W11004**  
Program Year Initiated: FY 2003-04  
Estimated Completion Year: FY 2023/24  
Project Description: Construct a new domestic water reservoir in the H1 pressure zone.

Funding Source: Water Facilities Fee - \$4,669,000;  
Water Utility - \$2,997,700

**Total Project Estimate: \$7,666,700**  
**Expenditures to Date: \$550,921**

**CAPITAL IMPROVEMENT PROGRAM DETAIL**

**WATER (Continued)**

Project Name: **Chlorination Stations**  
Project Number: **W12004**  
Program Year Initiated: **FY 2011-12**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Add four hypochlorite stations located at booster facilities.**

Funding Source: **Water Utility**

**Total Project Estimate: \$100,000**  
**Expenditures to Date: \$10,668**

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Project Name: **Emergency Generator Connectors**  
Project Number: **W14003**  
Program Year Initiated: **FY 2013-14**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Install new and replace existing transfer switch-units at Well Nos. 1A, 15, and 17 and Booster No. 9.**

Funding Source: **Water Utility**

**Total Project Estimate: \$168,000**

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Project Name: **Saddle Replacement**  
Project Number: **W17001**  
Program Year Initiated: **FY 2016-17**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Replace approximately 717 saddles and service lines on 8" PVC pipeline. Area includes Ficus Street and surrounding streets.**

Funding Source: **Water Utility**

**Total Project Estimate: \$2,687,000**  
**Expenditures to Date: \$1,108,796**

**CAPITAL IMPROVEMENT PROGRAM DETAIL****WATER (Continued)**

**Project Name:** Maroon Bell – Winchester Water Main Replacement  
**Project Number:** W19001  
**Program Year Initiated:** FY 2018-19  
**Estimated Completion Year:** FY 2021-22  
**Project Description:** Replace approximately 4,725 of 8" steel water main line. Area includes Maroon Bell, Stetson, Redstone Ashcroft, Copper-Saddle, Gold Dust, Telluride Winchester, Prospector, and Eagle Canyon.

**Funding Source:** Water Utility

**Total Project Estimate:** \$1,000,000  
**Expenditures to Date:** \$226

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**Project Name:** 1,2,3 TCP Remediation  
**Project Number:** W19002  
**Program Year Initiated:** FY 2018-19  
**Estimated Completion Year:** FY 2020-21  
**Project Description:** Evaluate and remediate all wells for 1,2,3 TCP contamination as well as other contamination of emerging concern.

**Funding Source:** Water Utility

**Total Project Estimate:** \$5,000,000

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**Project Name:** City-Wide Water and Recycled Water Master Plan Study  
**Project Number:** W19003  
**Program Year Initiated:** FY 2018-19  
**Estimate Completion Year:** FY 2020-21  
**Project Description:** Evaluate the City's water and recycled water sources and distribution system. Identify facilities needed to provide reliable and cost-effective service to the City.

**Funding Source:** Water Facilities Fee - \$210,000;  
Water Utility - \$390,000

**Total Project Estimate:** \$600,000

**CAPITAL IMPROVEMENT PROGRAM DETAIL**

**RECYCLED WATER**

Project Name: **R-40 Rehabilitation**  
Project Number: **W13004**  
Program Year Initiated: **FY 2012-13**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Drain, scrape and repaint interior of Reservoir R-40 and install cathodic protection to preclude future tank damage.**

Funding Source: **Water Utility**

Total Project Estimate: **\$150,000**

**CAPITAL IMPROVEMENT PROGRAM DETAIL****SEWER**

Project Name: **Pipeline Avenue Sewer Manhole Access Road**  
Project Number: **D08002**  
Program Year Initiated: FY 2008-09  
Estimated Completion Year: FY 2019-20  
Project Description: Construct access road to sewer line manhole from Pipeline Avenue south of Country Club Drive to 300 feet easterly.

Funding Source: Sewer Utility

**Total Project Estimate: \$201,400**  
**Expenditures to Date: \$46,743**

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Project Name: **Butterfield Ranch Lift Station**  
Project Number: **D10001**  
Program Year Initiated: FY 2009-10  
Estimated Completion Year: FY 2020-21  
Project Description: Install telemetry system including pump controls and alarming features.

Funding Source: Sewer Utility

**Total Project Estimate: \$400,000**  
**Expenditures to Date: \$20,253**

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Project Name: **Pomona Rincon Lift Station Upgrade**  
Project Number: **D10002**  
Program Year Initiated: FY 2009-10  
Estimated Completion Year: FY 2021-22  
Project Description: Upgrade existing facility with new pumps, additional telemetry, level sensing system, flow meter, and modifications to wet well as identified in the Pomona Rincon Lift Station Evaluation Study.

Funding Source: Sewer Utility

**Total Project Estimate: \$486,000**  
**Expenditures to Date: \$35,527**



**CAPITAL IMPROVEMENT PROGRAM DETAIL****SEWER (Continued)**

Project Name: **Supervisory Control & Data Acquisition System (SCADA) - Sewer**  
Project Number: **D11002**  
Program Year Initiated: **FY 2010-11**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **This project will expand/modify the City-wide telemetry system for sewer facilities.**

Funding Source: **Sewer Facilities Fee**

**Total Project Estimate: \$1,210,000**  
**Expenditures to Date: \$148,970**

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Project Name: **Repair of Sewer on Boys Republic and Grand Avenue**  
Project Number: **D13002**  
Program Year Initiated: **FY 2012-13**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **Correct deficient elevation and routing problem on existing sewer line and re-grout manhole.**

Funding Source: **Sewer Utility - \$20,200;  
Sewer Facilities Fee - \$54,800**

**Total Project Estimate: \$75,000**

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Project Name: **City-Wide Waste Water Master Plan Study**  
Project Number: **New**  
Program Year Initiated: **FY 2019-20**  
Estimated Completion Year: **FY 2020-21**  
Project Description: **Evaluates the City's sewer collection system with its ability to meet projected demands for the upcoming years and identify needed capital improvements.**

Funding Source: **Sewer Utility - \$332,050;  
Sewer Facilities Fee - \$167,950**

**Total Project Estimate: \$500,000**

**CAPITAL IMPROVEMENT PROGRAM DETAIL**

**STORM DRAINS**

Project Name: **Los Serranos Channel Mitigation**  
Project Number: **800326**  
Program Year Initiated: **FY 2000-01**  
Estimated Completion Year: **FY 2019-20**  
Project Description: **A mitigation project to create nine acres of wildlife habitat. Funding includes mitigation maintenance and monitoring.**

Funding Source: **General Fund (Capital Improvement) - \$469,700;  
Storm Drain Facilities Fee - \$439,200;  
CFD 5 – Soquel Cyn, Rincon & Woodview - \$474,600**

**Total Project Estimate: \$1,383,500**  
**Expenditures to Date: \$1,083,150**