

# **PROPERTY OWNERS MEETING SEWER SERVICE RATES**

**Devonshire County Sanitation District  
Harbor Industrial Sewer Maintenance District  
Scenic Heights County Sanitation District  
(Districts)**

*Clifford Elementary School  
225 Clifford Avenue  
Redwood City, CA*

*May 2, 2017  
6:30 P.M.*

**Department of Public Works**



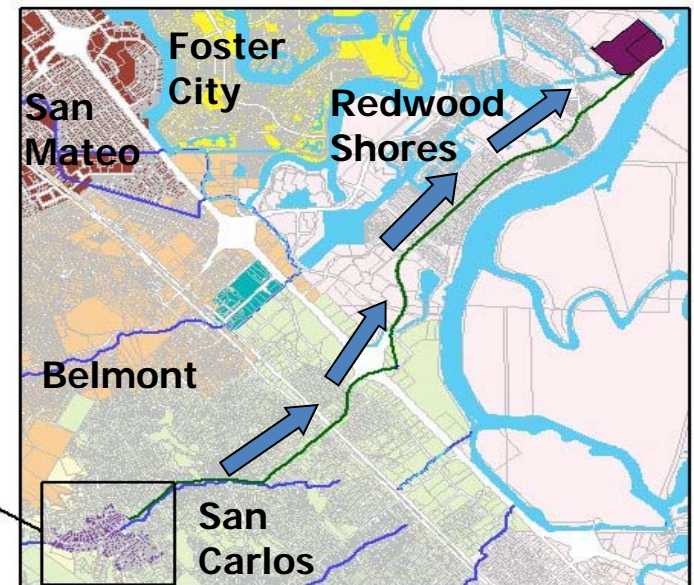
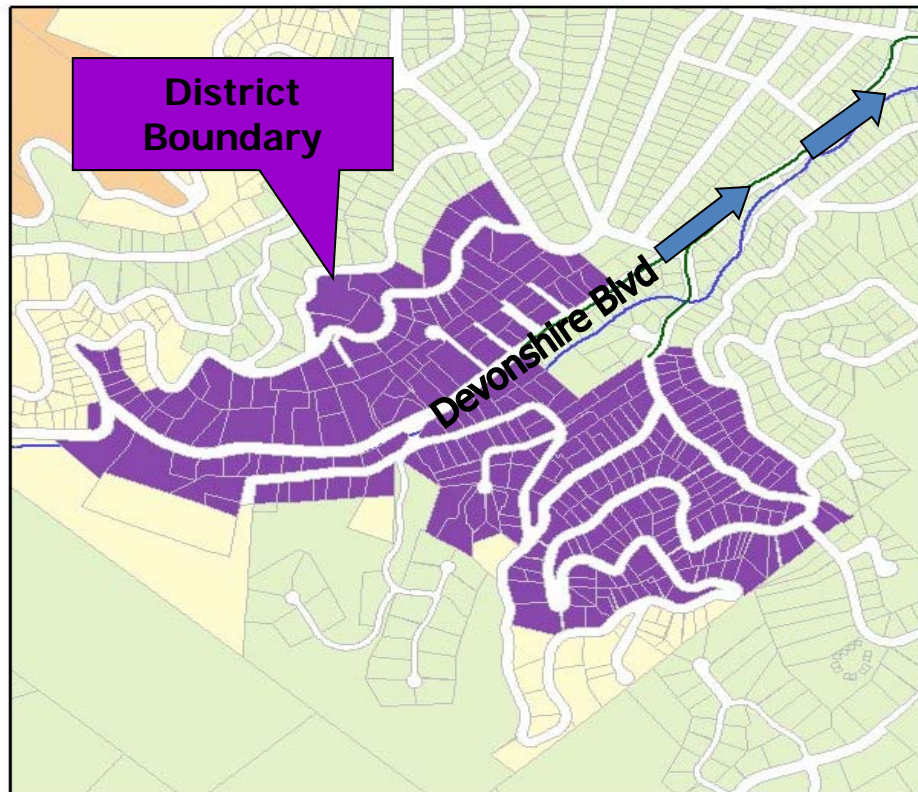
# **OVERVIEW OF TONIGHT'S MEETING**

- ***District Information***
- ***District Funding***
- ***What's Taken Place Since Last Rate Setting in 2012***
- ***Elements of the Sewer Service Rates***
  - ***In District Costs***
  - ***Out of District Costs***
- ***Proposed Rates***
- ***Rate Setting Timeline***
- ***Questions and Comments***



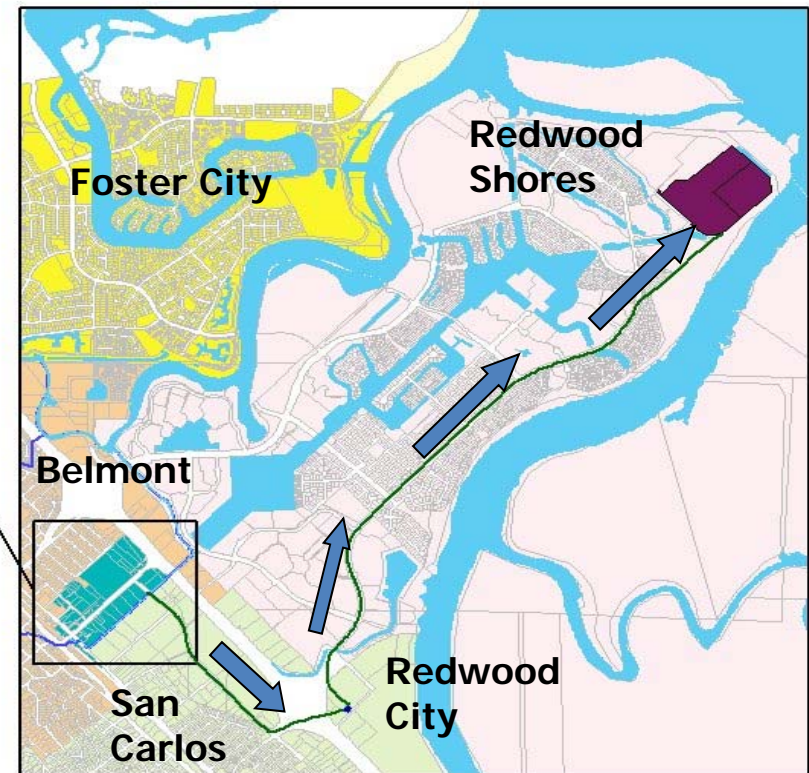
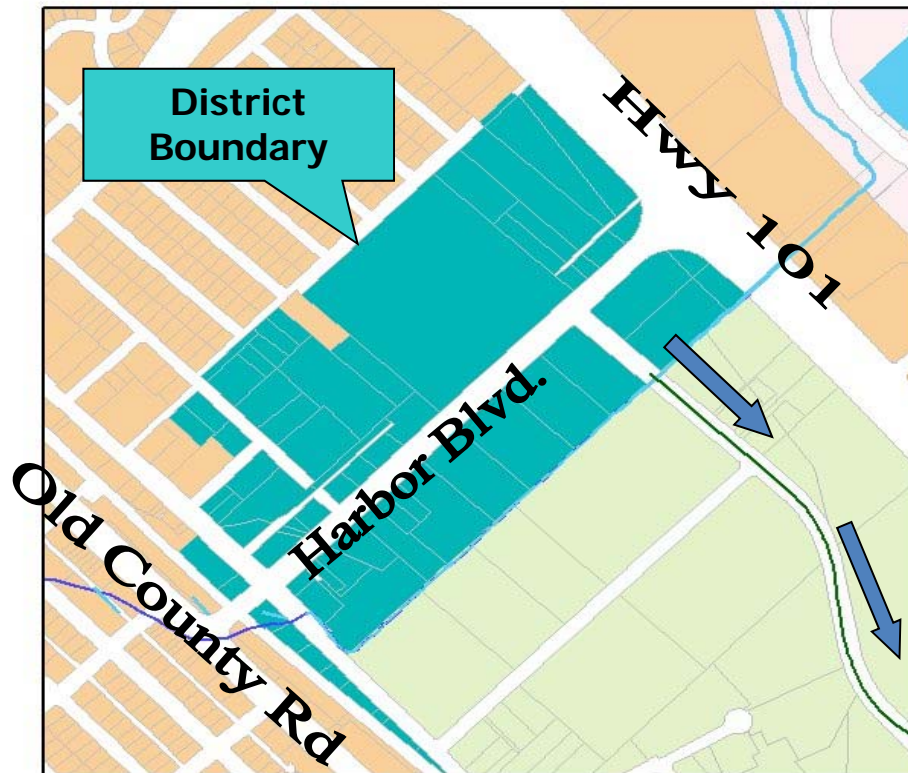
# DISTRICT INFORMATION - DEVONSHIRE COUNTY SANITATION DISTRICT

***SEWAGE FLOWS THROUGH CITY OF SAN CARLOS TO THE SILICON VALLEY CLEAN WATER (SVCW) TREATMENT PLANT IN REDWOOD SHORES FOR TREATMENT***



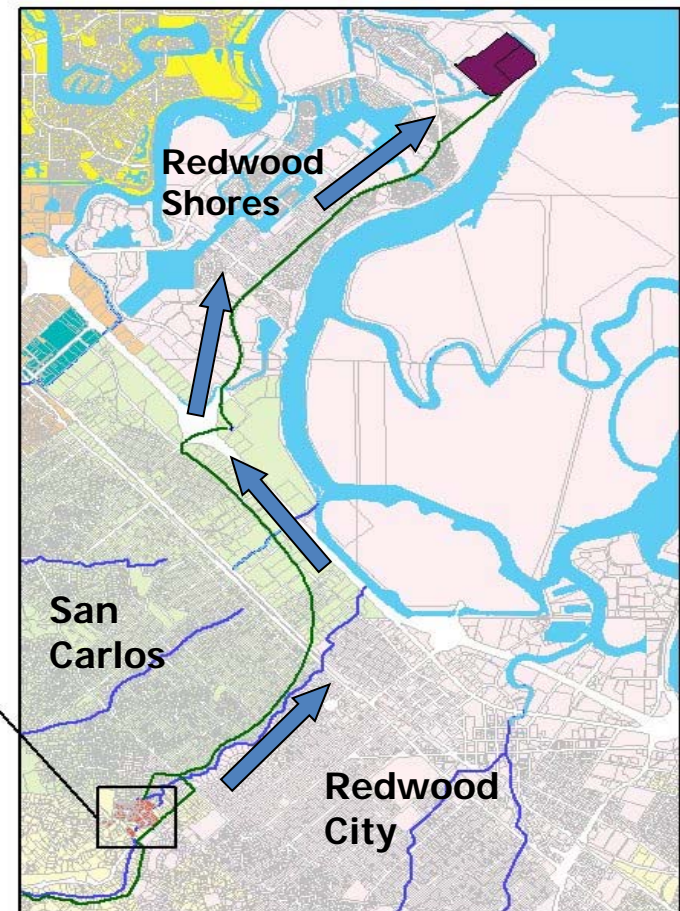
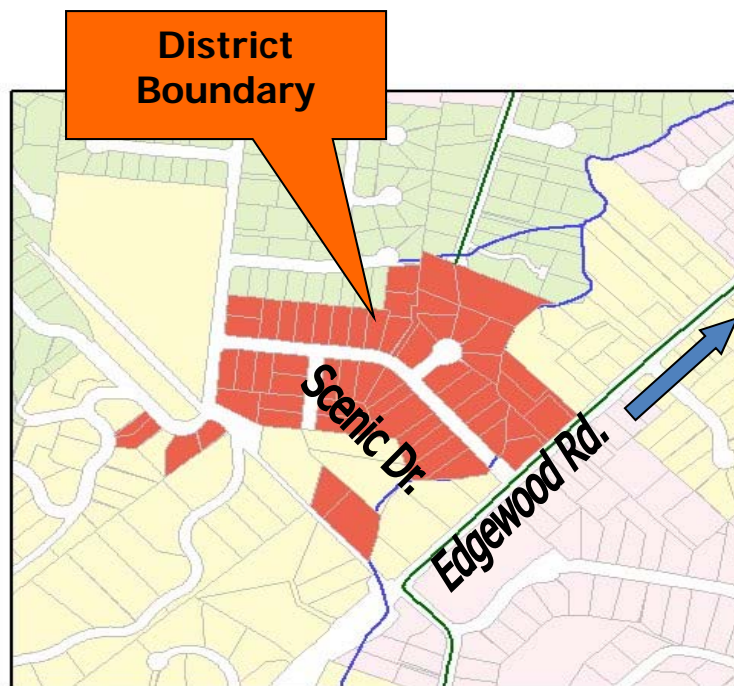
# DISTRICT INFORMATION - HARBOR INDUSTRIAL SEWER MAINTENANCE DISTRICT

**SEWAGE FLOWS THROUGH CITY OF SAN CARLOS TO THE SILICON VALLEY CLEAN WATER (SVCW) TREATMENT PLANT IN REDWOOD SHORES FOR TREATMENT**



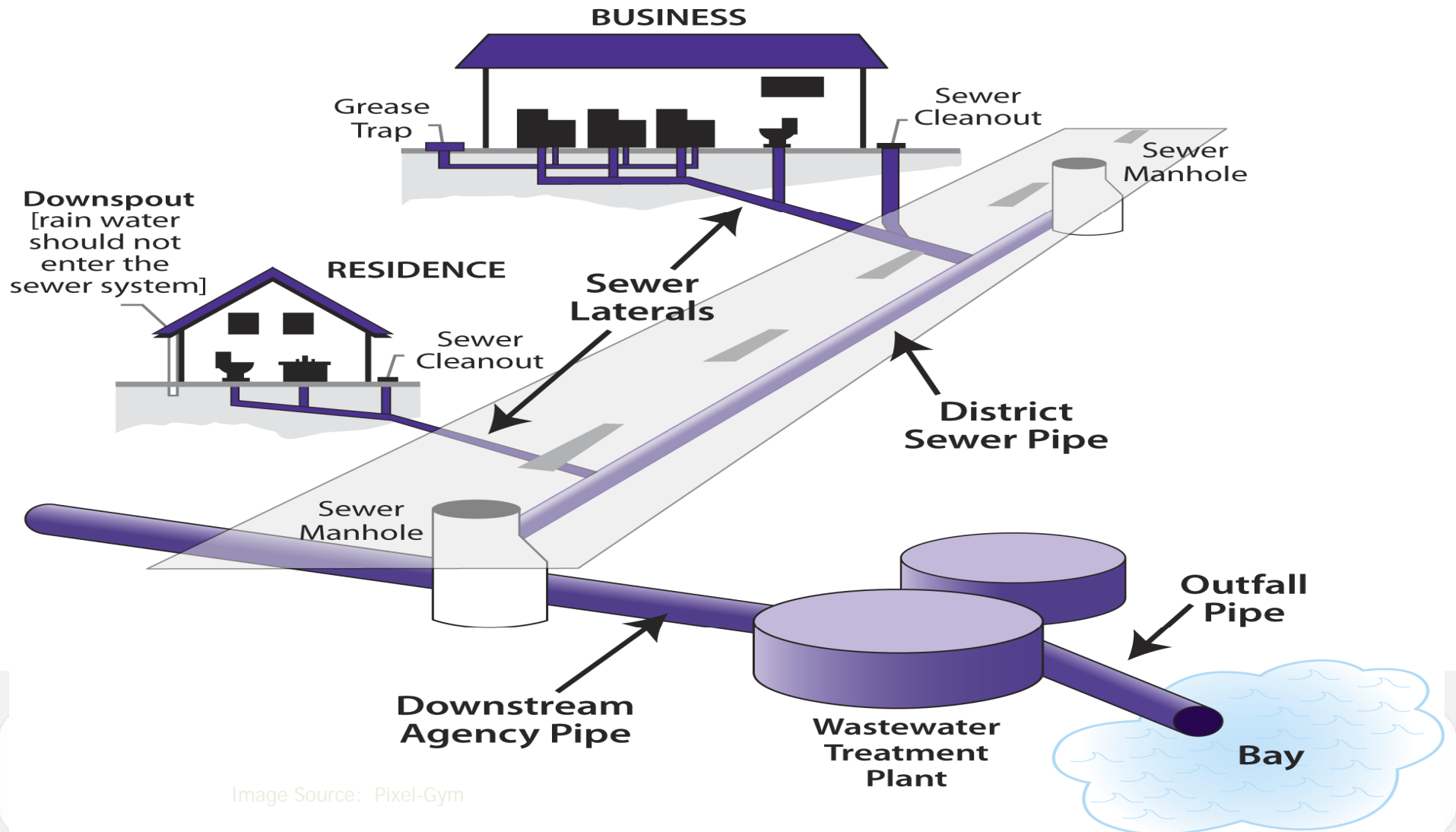
# DISTRICT INFORMATION - SCENIC HEIGHTS COUNTY SANITATION DISTRICT

**SEWAGE FLOWS THROUGH CITY OF SAN CARLOS TO THE SILICON VALLEY CLEAN WATER (SVCW) TREATMENT PLANT IN REDWOOD SHORES FOR TREATMENT**



# DISTRICT INFORMATION – HOW DOES A SEWER SYSTEM WORK?

*EACH DISTRICT RELIES ON DOWNSTREAM AGENCIES TO TRANSPORT SEWAGE COLLECTED BY THE DISTRICT TO THE TREATMENT PLANT*



# **DISTRICT SPECIFIC STATISTICS**

<b>District</b>	<b>Age (Years) *</b>	<b>Number of Connections **</b>	<b>Equivalent Residential Units (ERU)</b>	<b>Downstream Transport Agency</b>	<b>Treatment Facility</b>
Devonshire CSD	61	275	298	City of San Carlos	Silicon Valley Clean Water (SVCW)
Harbor Industrial SMD	66	63	230		
Scenic Heights CSD	68	54	57		

*\* Age based on District formation date*

*\*\* Based on 2016-17 Sewer Service Charge Report*

<b>District</b>	<b>Miles of Pipe</b>	<b>Percentage of Pipe in Easements</b>	<b>Percentage of Pipe in Streets</b>
Devonshire CSD	4.1	38.48%	61.52%
Harbor Industrial SMD	0.9	15.80%	84.20%
Scenic Heights CSD	3.0	13.30%	86.70%

# SEWER/SANITATION DISTRICTS IN COUNTY GOVERNMENT

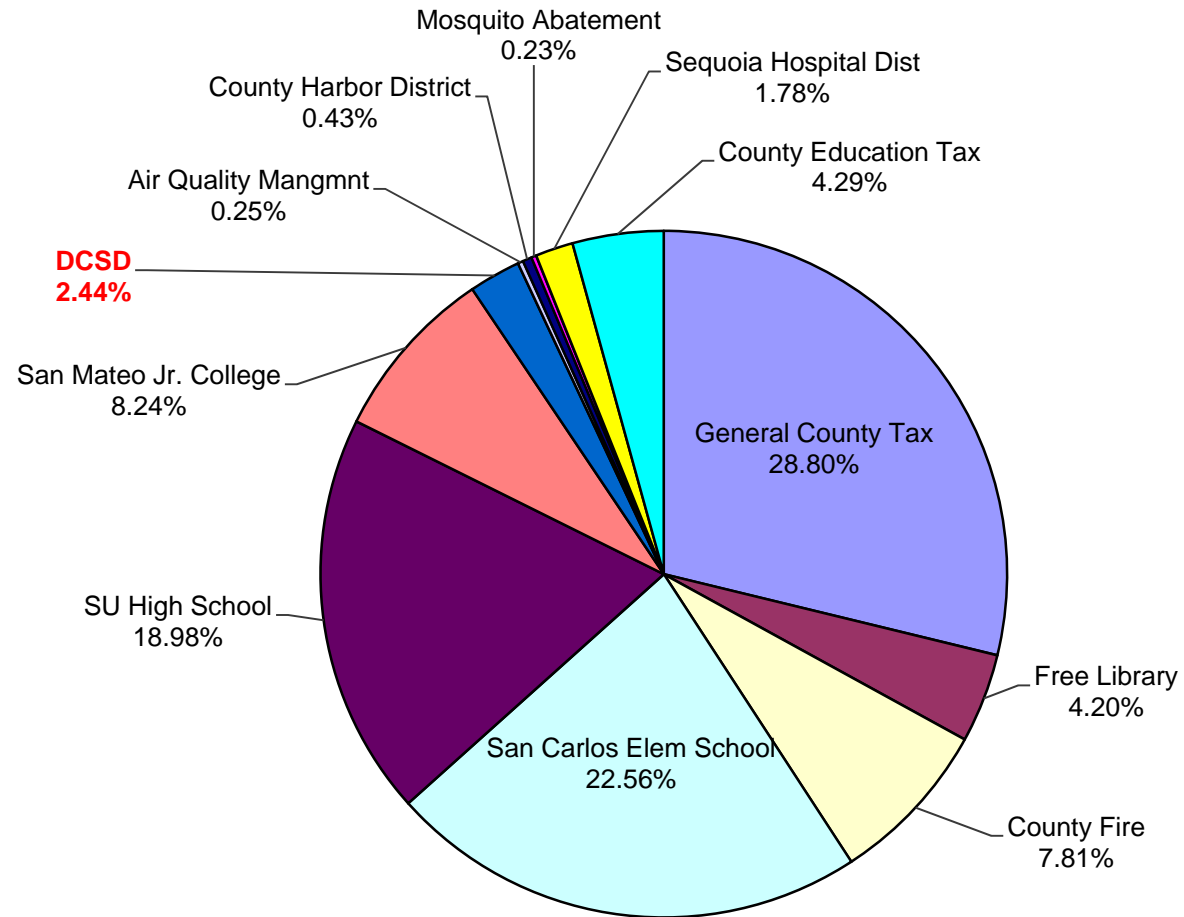
***EACH DISTRICT IS AN INDEPENDENT ENTITY  
WITH ITS OWN SEPARATE BUDGET***

- Each District's Governing Board is the Board of Supervisors
- The District receives Sewer Service Charges and limited property taxes within the District boundaries to fund sewer service
- The Sewer Service Charges are a Fee For Service, Not a Tax
- The District collects Sewer Service Charges on the Tax Bill because it is least costly way to collect the fee



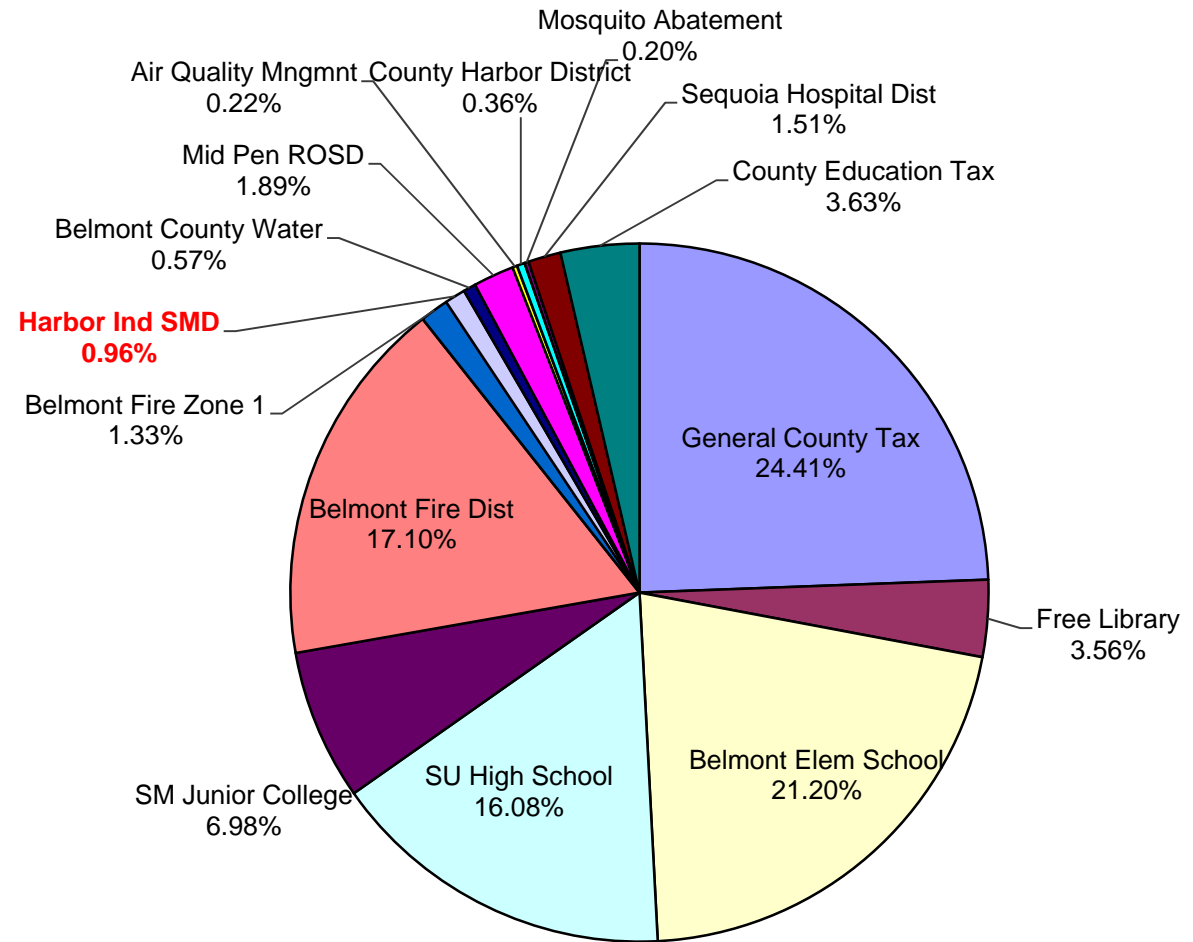
# WHERE DOES MY PROPERTY TAX MONEY GO?

DCSD Sample Property Tax Allocation (TRA 076-005)



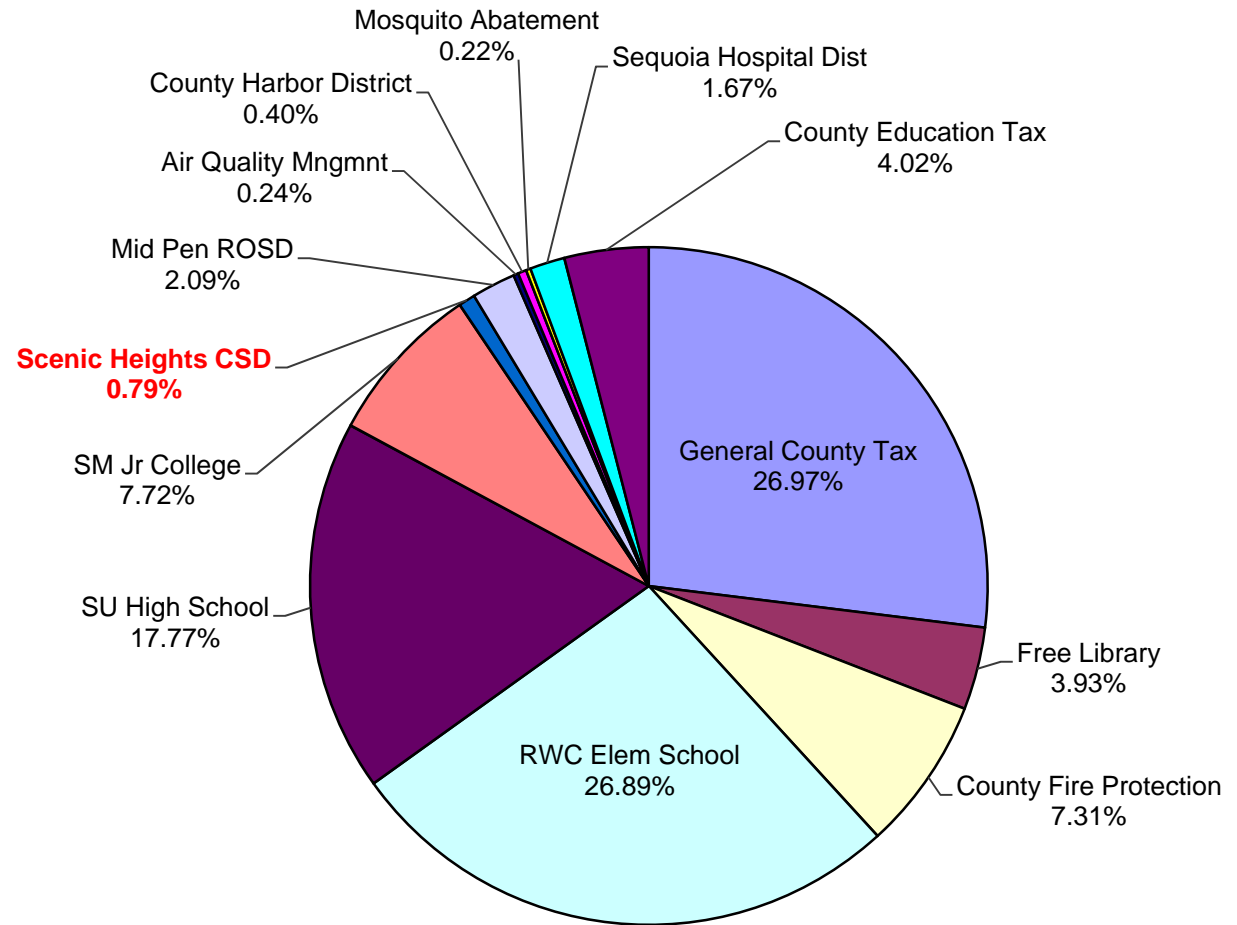
# WHERE DOES MY PROPERTY TAX MONEY GO?

HISMD Sample Property Tax Allocation (TRA 053-017)



# WHERE DOES MY PROPERTY TAX MONEY GO?

SHCSD Sample Property Tax Allocation (TRA 073-025)



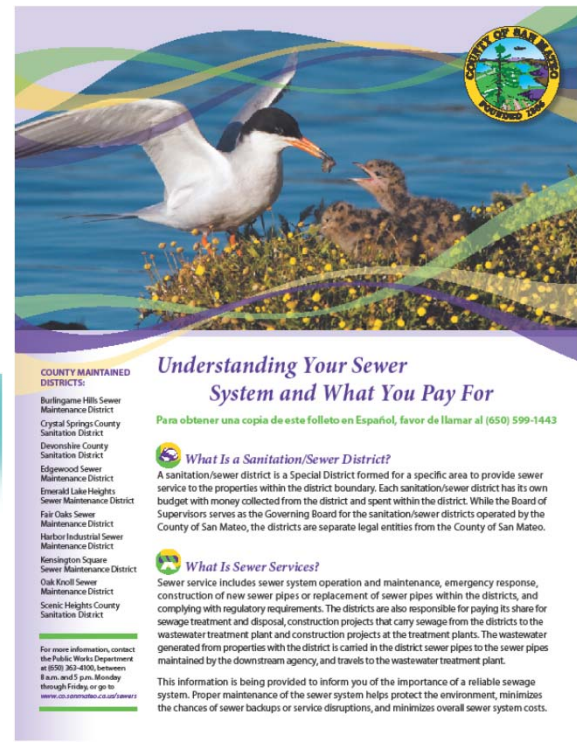
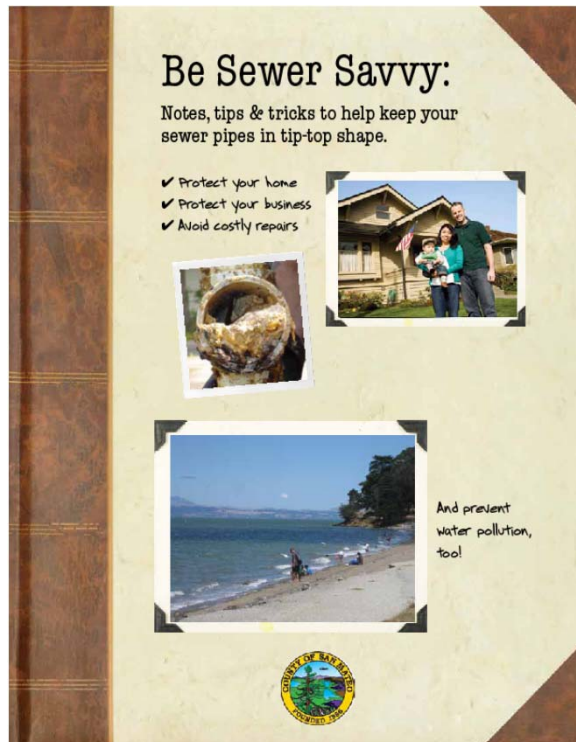
# **WHAT'S TAKEN PLACE SINCE LAST RATE SETTING IN 2012**

- ***Equipment and Vehicles - Purchased CCTV camera, combination flushing/vacuum truck, pickup trucks, and dump truck***
- ***Main Line Sanitary Sewer Overflow (SSO) Response, Reporting, and Water Quality Monitoring***
- ***CCTV Inspections***
- ***Spot Repairs***
- ***Continue to provide 24/7 emergency response to clear blockages in private laterals***



# WHAT'S TAKEN PLACE SINCE LAST RATE SETTING IN 2012

## POLLUTION PREVENTION/PUBLIC AWARENESS PROGRAM



Beginning in 2012, brochures have been distributed to residents during service calls and mailed to residents upstream of a sanitary sewer overflow. Copies are also available on website at <http://www.smcgov.org/sewers>

# WHAT'S TAKEN PLACE SINCE LAST RATE SETTING IN 2012

## ***SANITARY SEWER OVERFLOWS (SSO)***

District	2012	2013	2014	2015	2016	2017 (to date)
DCSD	2	1	1	1	3	0
HISMD	0	0	0	0	0	0
SHCSD	0	4	1	0	2	0

Primary Causes of SSOs: Roots, Paper Towels, Grease, Construction debris, and Pipe Collapse



**The toilet is only meant  
to flush the three P's—  
pee, poop and paper.**

# **WHAT'S TAKEN PLACE SINCE LAST RATE SETTING IN 2012**

## ***REGULATION COMPLIANCE:***

- ***State Water Resources Control Board***
  - ***Reporting to State Office of Emergency Services certain types of SSO's within 2 hours***
  - ***Water testing within 48 hours when SSO enters a creek or stream***
  - ***Training maintenance staff on SSO response***
- ***San Francisco Bay Regional Water Quality Control Board (Regional Board)***
  - ***Inspecting restaurants and food service establishments for proper fats, oils, and grease (FOG) disposal (HISMD only)***



# DISTRICT EXPENSES

## ***IN DISTRICT COSTS:***

- ***Operation and Maintenance***
- ***Regulation Compliance***
- ***District Projects***



## ***OUT OF DISTRICT COSTS:***

- ***Sewage Transport and Treatment***
- ***Downstream Agency Capital Improvement Projects***



# **ELEMENTS OF THE SEWER SERVICE RATES** **– CAPITAL IMPROVEMENT PROJECTS (CIP)**

## ***HIGH PRIORITY CIPS IDENTIFIED IN EACH DISTRICT THROUGH MASTER PLANS AND CONDITION ASSESSMENTS***

- *Improvements are recommended based on the following:*
  - *Lack of capacity in pipe*
  - *Excessive maintenance costs*
  - *Structural defects in pipe*
  
- *Portions of your Sewer Service Charges over the last 10 years have been saved to pay for the improvements. More is needed.*



# **ELEMENTS OF THE SEWER SERVICE RATES**

## **– FUTURE PLANNING**

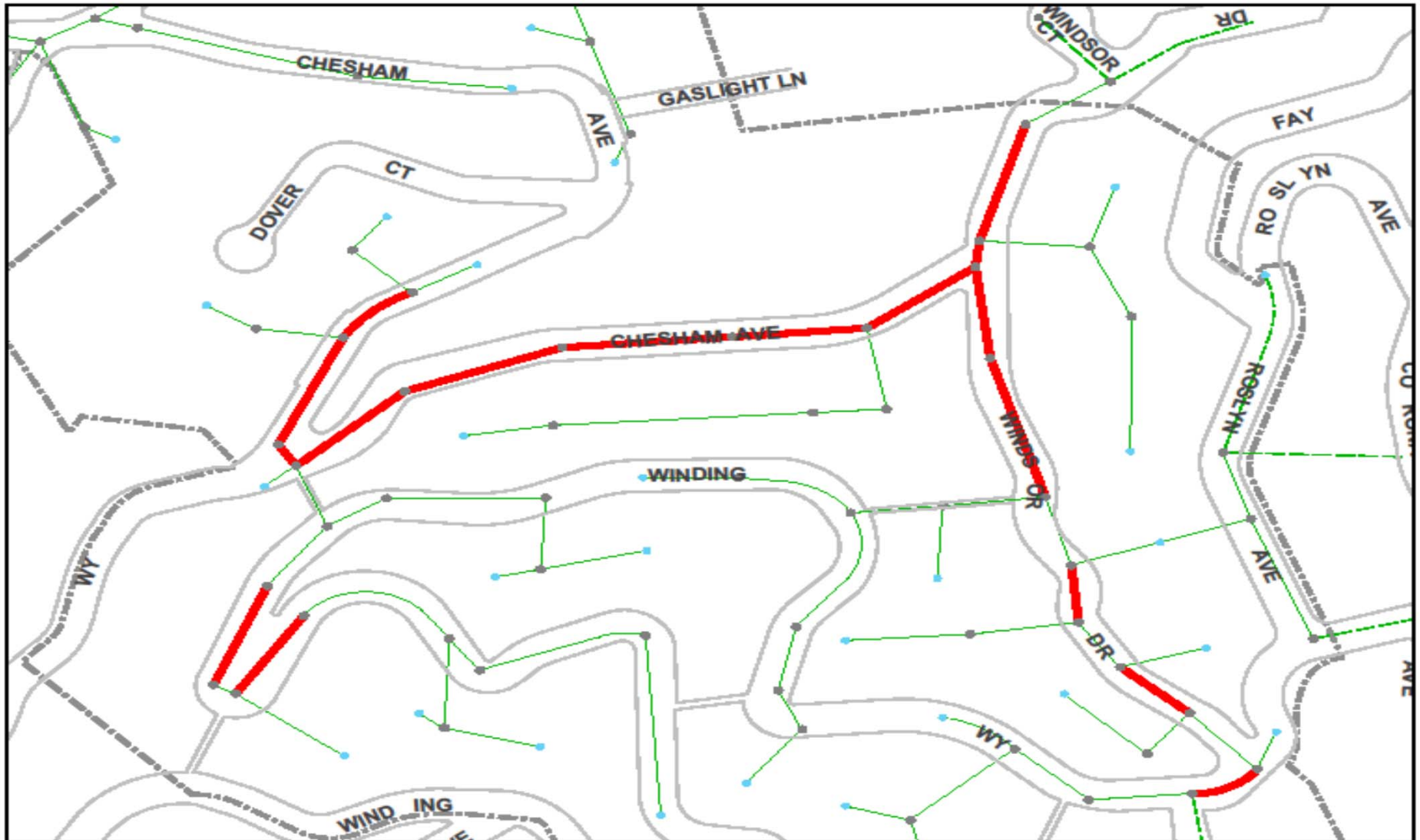
### ***PROJECTS AND ESTIMATED COSTS***

<b>Devonshire CSD:</b>	
<b>2017-18 Phase 1 (1,460 ft)</b>	<b>\$409,000</b>
<b>Phase 2 (1,060 ft)</b>	<b>\$297,000</b>
<b>Harbor Industrial SMD:</b>	
<b>2017-18 Phase 1 (390 ft)</b>	<b>\$110,000</b>
<b>Phase 2 (1,900 ft)</b>	<b>\$532,000</b>
<b>Scenic Heights CSD:</b>	
<b>2017-18 Phase 1 (240 ft)</b>	<b>\$68,000</b>
<b>Phase 2 (4,020 ft)</b>	<b>\$1,126,000</b>



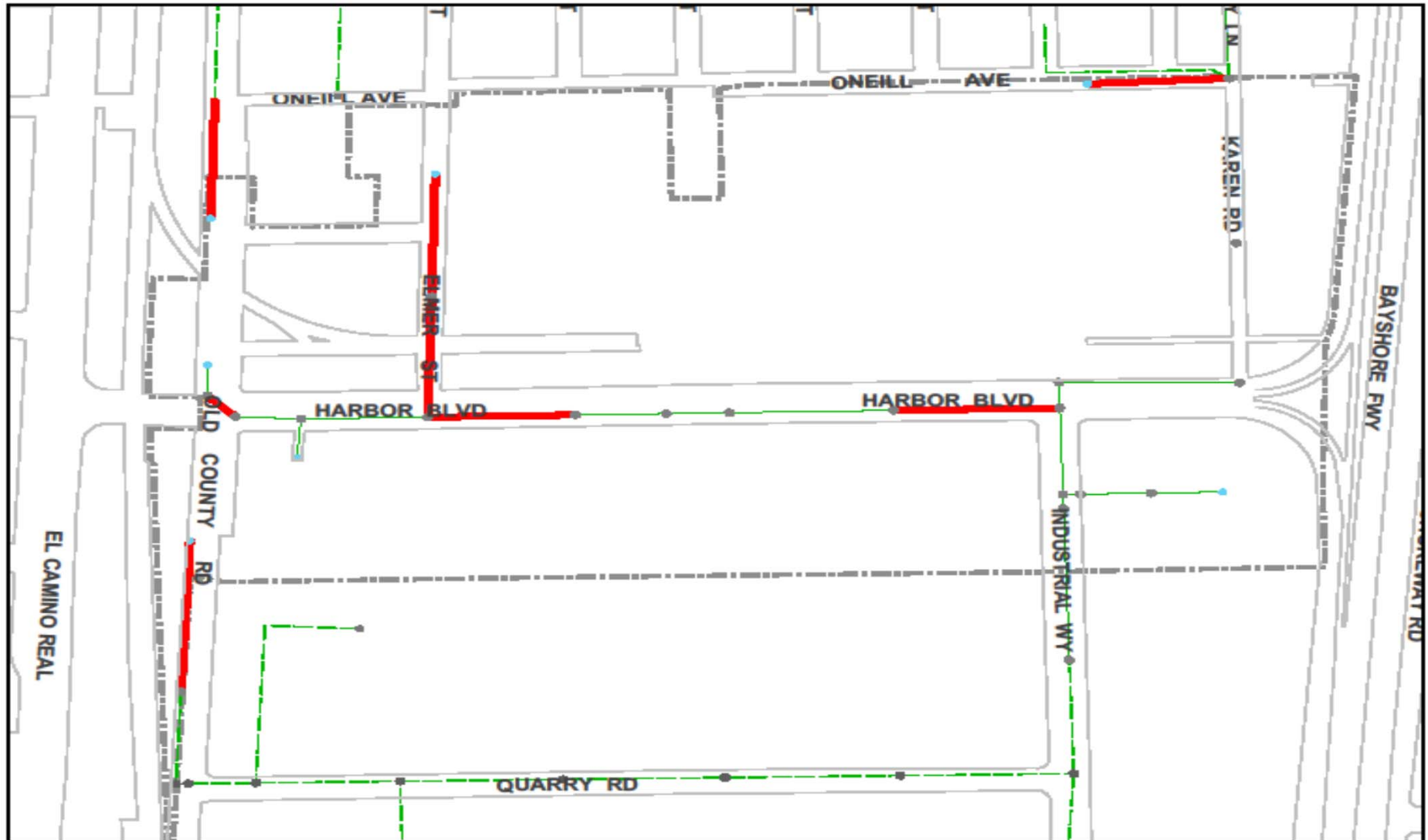
## ELEMENTS OF THE SEWER SERVICE RATES – CAPITAL IMPROVEMENT PROJECTS (CIP)

***DEVONSHIRE CSD RECOMMENDED CIP:***



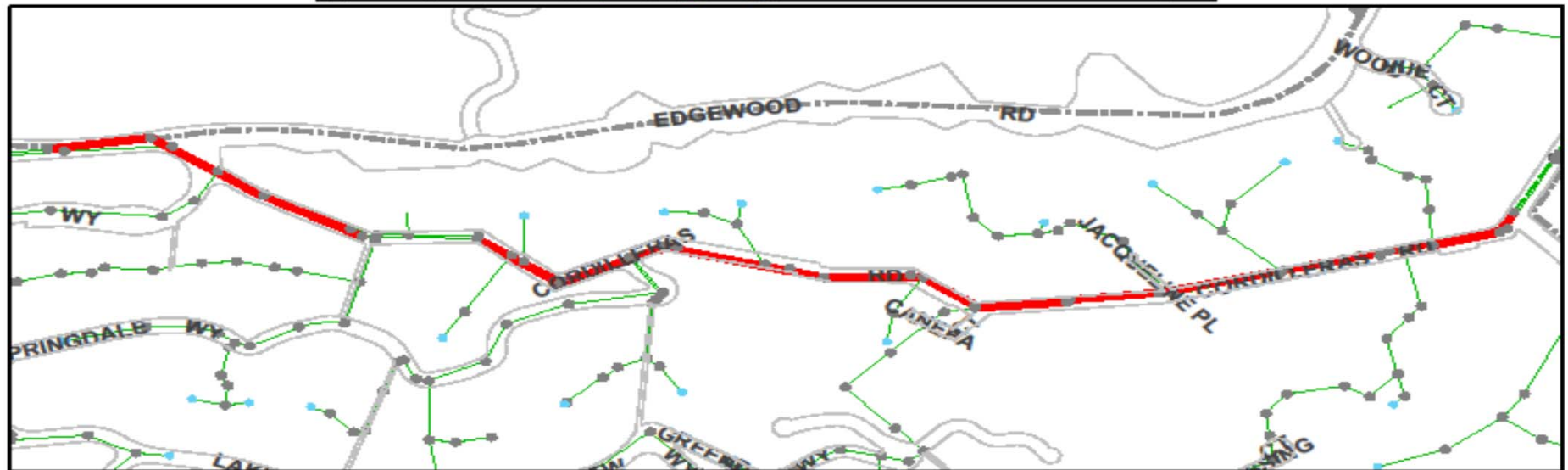
# ELEMENTS OF THE SEWER SERVICE RATES – CAPITAL IMPROVEMENT PROJECTS (CIP)

## ***HARBOR INDUSTRIAL SMD RECOMMENDED CIP :***



# ELEMENTS OF THE SEWER SERVICE RATES – CAPITAL IMPROVEMENT PROJECTS (CIP)

***SCENIC HEIGHTS CSD RECOMMENDED CIP:***



# **ELEMENTS OF THE SEWER SERVICE RATES** **– OUT OF DISTRICT COSTS**

- ***Sewage Transport, Treatment, and Disposal***
- ***Downstream Agency Capital Improvement Projects***



# **ELEMENTS OF THE SEWER SERVICE RATES** **– OUT OF DISTRICT COSTS**

## ***SEWAGE TRANSPORT, TREATMENT, AND DISPOSAL***

- *Each District has an Agreement with the City of San Carlos for sewage transport through City pipes with treatment and disposal at the SVCW*
- *Devonshire CSD, Harbor Industrial SMD, and Scenic Heights CSD pays 85% of the City rate*
  - *City increases of 26.7% in 2013-14, 20% in 2014-15, and 10% in 2015-16 – (total 56.7% over three years)*
  - *5% annual rate increase anticipated for FYs 2016-19*
  - *Based on number of ERUs for Devonshire CSD and Scenic Heights CSD*
  - *Based on quantity and quality of flow for Harbor Industrial SMD*



# **ELEMENTS OF THE SEWER SERVICE RATES** **– OUT OF DISTRICT COSTS**

## ***WHAT AFFECTS THE AMOUNT THE DISTRICT PAYS SAN CARLOS?***

- ***Sewer Service Rates established by San Carlos***
- ***Capital Improvement Projects at the SVCW:***
  - ***SVCW has spent \$225 million to date (over 8 years)***
  - ***In January 2017, SVCW estimates \$590 million in CIP expenditures thru 2024-25 (over 9 years)***
  - ***Capital improvements will replace equipment which have reached the end of their useful lives***
  - ***SVCW will be charging the member agencies (Redwood City, San Carlos, Belmont, and West Bay Sanitary District) for the improvements***



# ELEMENTS OF THE SEWER SERVICE RATES – OUT OF DISTRICT COSTS

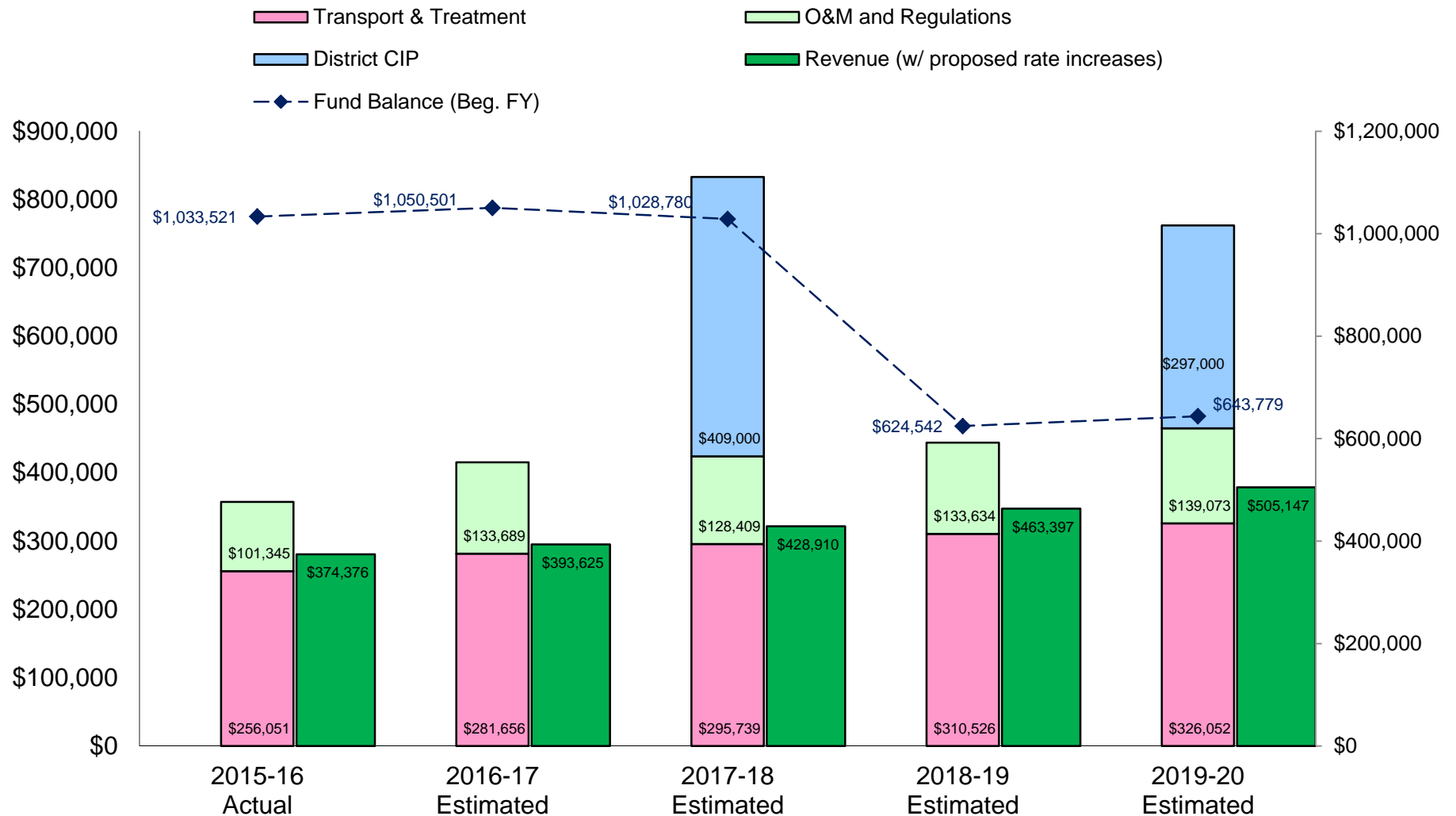
## ***FORECASTED SVCW TREATMENT PLANT CAPITAL IMPROVEMENT EXPENDITURES***

Projected CIP Expenditures (\$590 Million)											
Project	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
Treatment Facilities											
Gravity Pipeline											
Front-of-Plant Facilities											
Pump Stations / Pipelines											
Nutrient Removal											



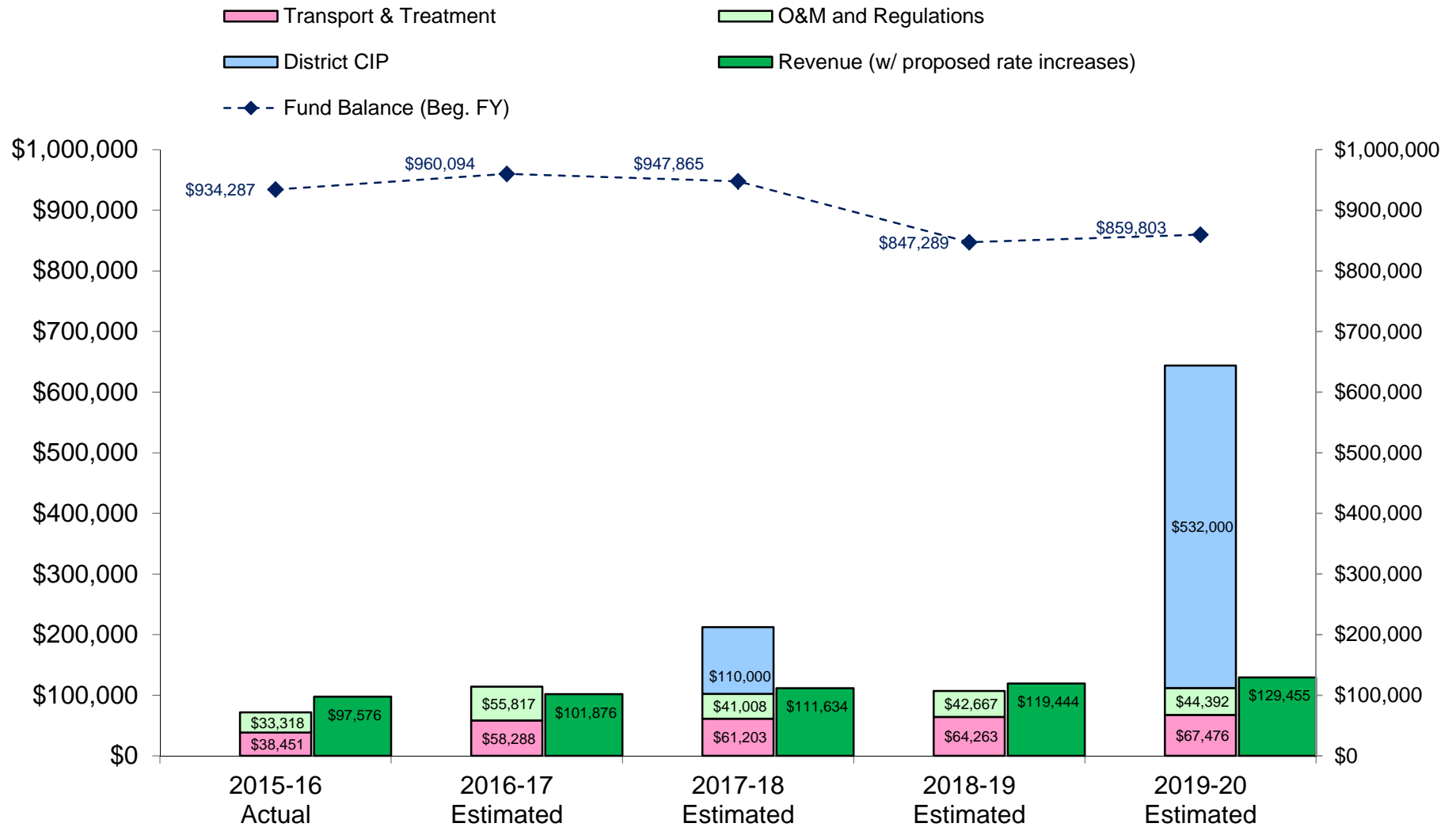
# ELEMENTS OF THE SEWER SERVICE RATES – CAPITAL IMPROVEMENT PROJECTS (CIP)

## Devonshire CSD Expenditure & Revenue Comparison



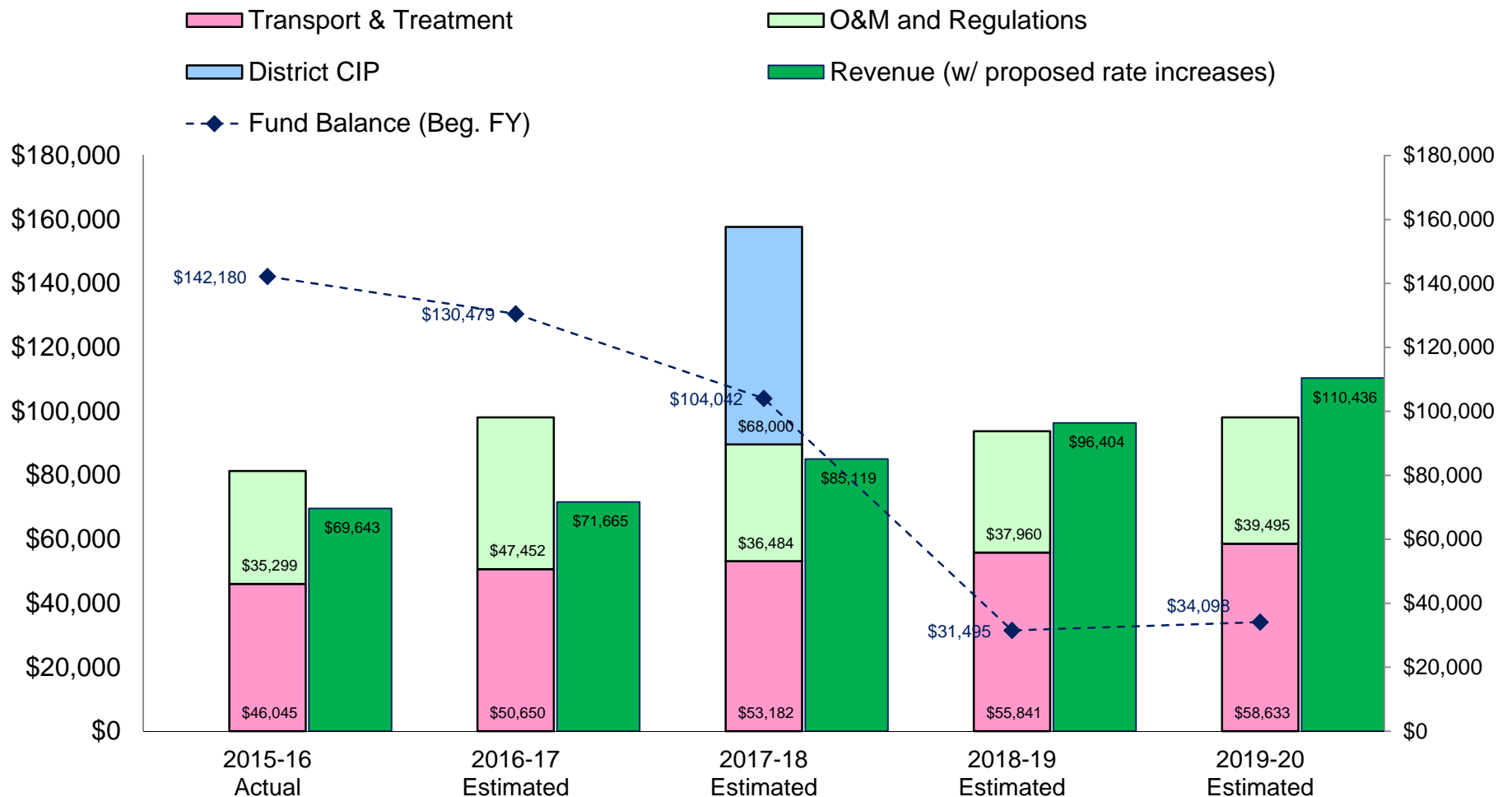
# ELEMENTS OF THE SEWER SERVICE RATES – CAPITAL IMPROVEMENT PROJECTS (CIP)

## Harbor Industrial SMD Expenditure & Revenue Comparison



# ELEMENTS OF THE SEWER SERVICE RATES – CAPITAL IMPROVEMENT PROJECTS (CIP)

## Scenic Heights CSD Expenditure & Revenue Comparison



# **PROPOSED RATES**

	<b>Sewer Service Rate (\$/Year Per Residential Unit)</b>			
	2016-17	<b>Proposed Rates</b>		
		2017-18	2018-19	2019-20
<b>Devonshire CSD</b>	\$1,125	\$1,240 (+ \$115)	\$1,365 (+ 125)	\$1,500 (+ 135)
<b>Harbor Industrial SMD</b>	\$370	\$410 (+ 40)	\$450 (+ 40)	\$495 (+ 45)
<b>Scenic Heights CSD</b>	\$1,200	\$1,440 (+ 240)	\$1,650 (+ 210)	\$1,895 (+ 245)

# **RATE SETTING TIMELINE**

<b>Key Dates</b>	<b>Actions</b>
April 10 – May 3	Sent all property owners information about proposed rates and timing of meetings with property owners.
May 2 – May 24	Meetings with property owners of each district to discuss the proposed rates, factors involved in establishing rates, and seek property owner input.
June 6	Introduce Ordinance with proposed sewer service rates and set Public Hearing for July 25.
June 9	Send Prop 218 notice (45 days prior to public hearing) to property owners with proposed rates.
July 25	Hold public hearing, adopt Ordinance setting rates, and adopt FY 2017-18 Sewer Service Charges Report based on the adopted rate.



# **Emergency Response**

## **24 Hours a Day, 7 Days a Week**

Mainline (Blockage)

Customer Sewer Laterals

**Call (650) 363-4100 to Report  
Sewer Overflows**



## ***CONTACT INFORMATION***

Please e-mail your comments and questions to:

[sewers@smcgov.org](mailto:sewers@smcgov.org)

Information is available on our website at:

<http://www.smcgov.org/sewers>

***THANK YOU!***

***QUESTIONS?***



**The toilet is only meant  
to flush the three P's—  
pee, poop and paper.**

**COUNTY OF SAN MATEO**

