

**COSTA MESA SANITARY DISTRICT  
CAPITAL IMPROVEMENT PROGRAM  
FY 2016-2017**

**PROJECT:** #101 West Side Pumping Station Abandonment

**PROJECT MANAGER:** Rob Hamers, District Engineer

**DESCRIPTION:** Abandon 6 CMSD pumping stations, abandon the CNB station in the CNB island on W. 19th Street, and abandon the private pumping station on W. 18th Street by constructing new gravity lines.

**BEGIN DESIGN:** 7/1/2012  
Preliminary Civil Engineering - \$131,047; Estimated construction cost - \$5.8 million  
9/3/14 - Additional Preliminary Engineering Allocation - \$10,000

**ESTIMATED COMPLETION DATE:** 3/25/2019

**STATUS REPORT:**

8/26/10 CMSD staff and two Directors met with OCSD staff on 8/4/10 to discuss the framework of the project. OCSD will be constructing its own gravity sewer to accept the CMSD and CNB flows and send it under the Santa Ana River to OCSD Plant No. 2. OCSD

9/23/10 - OCSD was provided with plans, maps and flow figures for their review. OCSD will be hiring a consultant to prepare the design

10/26/10 - Provided OCSD with copies of all PS plans. OCSD hiring a consultant to prepare an EIR and alignment study in 2011. CMSD requested a joint EIR.

11/18/10 - No change.

12/20/10 - No change.

01/27/11 - No change.

02/24/11 - No change. Staff will be contacting OCSD to review their status.

03/24/11 - Staff met with OCSD Project Managers on 3/8/11 to review OCSD's scope of work and project timing.

4/28/11 - Staff met with 3 OCSD consultants to explain project. OCSD's first phase will be EIR & alignment study. CMSD requested OCSD EIR cover the CMSD work.

5/26/11 - Staff met with another potential OCSD consultant to review OCSD's scope of work. OCSD will soon be publishing their RFP.

6/23/11 - No change.

7/28/11 - OCSD's preliminary schedule reflects completion of construction of OCSD's sewer facilities on 3/25/2019.

8/25/11 - No change.

9/22/11 - OCSD is evaluating consultant proposals.

10/27/11 - OCSD selected Dudley as its consultant and is finalizing the consultant contract.

11/30/11 - No change.

12/15/11 - OCSD staff attended CMSD SSC meeting on 11/8/11 to discuss project timeline.

1/26/12 - Kickoff meeting for OCSD's consultant Dudek scheduled for 1/11/12. Consultant has placed flow meters in CMSD lines to confirm flows.

2/23/12 - CMSD District Engineer is providing scope of work for preliminary engineering for Board consideration.

3/22/12 - CMSD District Engineer is providing preliminary engineering fee for Board consideration.

4/16/12 - The Board is considering the District Engineer's proposal to perform the Preliminary Engineering.

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5/24/12 - The Board approved the District's Engineer's proposal for the Preliminary Engineering.

6/28/12 - District Engineer is working with OCSD consultant on confluence point for CMSD/CNB/OCSD sewers.

7/26/12 - CMSD will be obtaining topographic information from OCSD's consultant and will save \$4,500 in the process due to cost sharing.

8/20/12 - OCSD's surveyors are working on the topography.

9/20/12 - The District Engineer has begun working with the topography provided by OCSD's surveyors and aerial photogrammetrist.

10/25/12 - The District Engineer is continuing working with the topography provided by OCSD's surveyors.

11/15/12 - The District Engineer is continuing working with the topography provided by OCSD's surveyors.

12/20/12 - The District Engineer is continuing work on the preliminary engineering.

1/24/13 - The District Engineer is continuing work on the preliminary engineering.

2/28/13 - The District Engineer is continuing work on the preliminary engineering.

3/28/13 - The District Engineer provided a narrative and map explaining the District's work to be included in the EIR NOP.

4/18/13 - The District Engineer is continuing work on the preliminary engineering.

5/23/13 - Engineer's Estimates for the work are being prepared.

6/27/13 - Engineer's Estimates for the work are being prepared; the District Engineer reviewed 2 sections of the OCSD EIR as requested.

7/25/13 - The District Engineer will be providing the preliminary budget at the 7/25/13 regular meeting.

8/29/13 - The Board will review the District Engineer's staff report on the preliminary engineering at the 8/20/13 study session.

9/26/13 - The Preliminary Engineering report will be reviewed at the October 15 Study Session.

10/24/13 - The Preliminary Engineering Report will be reviewed at the October 15 Study Session.

11/21/13 - The preliminary engineering report was reviewed at the 11/12/13 study session.

12/19/13 - No change in status.

1/23/14 - No change in status.

2/25/14 - No change in status.

3/27/14 - No change in status.

4/24/14 - No change in status.

5/22/14 - No change in status.

6/26/14 - The EIR is complete and will go to the OCSD Board for certification on 7/23/14. The OCSD RFP for final design will be advertised in August.

7/24/14 - A special meeting is set for 7/22/14 to determine funding for potentially high park restoration and maintenance costs.

8/28/14 - CMSD and OCSD are preparing Engineer's Estimates for CMSD's portion of the work. OCSD has proposed an Agreement on the need for all abandonment facilities to be in operation.

9/25/14 - OCSD certified the project EIR; CMSD is completing a limited soils investigation to determine micro tunneling costs and total project costs.

10/23/14 - Soils report sent to micro tunneling contractor for cost estimate; with these results, CMSD can prepare a new cost estimate for entire project; OCSD has completed their estimate.

11/20/14 - Engineering staff is preparing a new cost estimate for the project based on cost estimates from two contractors.

12/18/14 - Engineering staff has finalized the new construction cost estimate and is presenting to the GM.

1/22/15 - Engineering staff has finalized the construction cost estimate and presented the estimate to OCSD. Next step is CMSD financial planning

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followed by consideration of the MOU from OCSD.

2/26/15 - Project financing is being discussed at the 2/10/15 study session.

3/26/15 - The Board of Directors will be considering the MOU with OCSD and Newport Beach at the regular meeting.

4/23/15 - The Board approved the MOU with OCSD at the March 2015 Board meeting; the District Engineer is finalizing the final engineering design phase budgets.

5/28/15 - The Board discussed the final engineering phase at the 5/12/15 study session.

6/25/15 - The District Engineer has started the consultant selection process for the final engineering phase.

7/23/15 - District is waiting for NB and OCSD approval of agreement. Board approved District Engineer administration contract.

8/27/15 - No change in status.

9/17/15 - The General Manager and District Engineer have a meeting with OCSD in mid September to discuss the project.

10/22/15 - OCSD study of Fairview Trunk is underway to determine if it requires upsizing even if 6-19 and #101 are implemented. Results will be available end of November.

11/19/15 - No change in status.

1/28/16 - Staff is awaiting the results of the OCSD Study of the OCSD Fairview Road trunk.

2/25/16 - The General Manager and District Engineer are meeting with OCSD officials on 2/10/16 to discuss the recent flow study.

3/24/16 - OCSD Staff stated on 2/10/16 they intend to go ahead with the abandonment sewer project.

4/28/16 - OCSD Staff presented a new engineer's estimate of project costs showing an increase from \$15 million to \$28 million; OCSD Staff continues to support the project.

5/26/16 - The OCSD Operations Committee meeting of 5/4/16 included discussion on whether to proceed on the 6-19 project, which is OCSD's portion of this project.

6/23/16 - CMSD is awaiting OCSD's formal decision on whether OCSD will continue the 6-19 project.

7/28/16 - OCSD has withdrawn the 6-19 South West Trunk from further consideration. Budget unappropriated.

8/25/16 - CMSD is seeking reimbursement of expenses from OCSD and transfer 2016-17 appropriation to President Pump Station Force Main replacement.

<b>Account Number</b>	<b>Approved Proj Budget</b>	<b>June 30, 2016 Accumulated Cost</b>	<b>Current Year Expenditures</b>	<b>Encumbrances</b>	<b>Balance</b>
#101	\$ 1,653,446	\$ 183,735	\$ -	\$ 2,500	\$ 1,467,211
<b>Total</b>	<b>\$ 1,653,446</b>	<b>\$ 183,735</b>	<b>\$ -</b>	<b>\$ 2,500</b>	<b>\$ 1,467,211</b>

**COSTA MESA SANITARY DISTRICT  
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**PROJECT:** #196 Installation of Backup Power and Pumping Capability

**PROJECT MANAGER:** Rob Hamers, District Engineer

**DESCRIPTION:** Install backup standby diesel generator at two pumping stations and install backup pumping

**BEGIN DESIGN:** April 23, 2012

Civil Design - \$21,133.50; Civil Contract/Admin/Inspection - \$48,470

#196-A (Victoria, Mendoza & Elden By-Pass Pumps) - Engineer's Estimate: **\$500,000**

#196-B (Canyon Generator) - Engineer's Estimate: **\$100,000**

**ESTIMATED COMPLETION DATE:** Jan - 15

**STATUS REPORT: Low Bid 196-**

**D - \$196,709**

05/24/12 - District's Engineer's office is in design of the backup pumping systems while another consultant, PDE, is in design on the standby diesel generator.

6/28/12 - Plans and specs are 30% complete.

7/26/12 - Plans and specs are 60% complete.

8/20/12 - Engineering staff is performing final review prior to submitting the plans for plan check.

9/20/12 - Plans were submitted to the cities of Costa Mesa and Newport Beach for first plan check.

above-ground emergency equipment.

11/15/12 - The District Engineer is working with the cities of Costa Mesa and Newport Beach regarding a

Newport Beach regarding above-ground emergency equipment.

Newport Beach regarding above-ground emergency equipment.

Newport Beach regarding above-ground emergency equipment.

3/28/13 - The District Engineer and General Manager are working with the cities of Costa Mesa and Newport Beach regarding above-ground emergency equipment.

4/18/13 - No change in status.

5/23/13 - A soils investigation is being performed for the 23rd P.S. location in the right-of-way slope. Two other locations will be housed in prefabricated buildings.

6/27/13 - The City of Costa Mesa is reviewing the design for the 3 stations in Costa Mesa

7/25/13 - Engineering staff is awaiting City of Costa Mesa comments on building design at three sites, with

District Engineer is also finalizing the plans for the standby diesel generator at the Canyon pumping station.

9/26/13 - The District Engineer has provided a staff report for the 9/26/13 regular meeting on the status of the project.

10/24/13 - Installation at the Elden, Victoria, and Mendoza stations is out to bid as 196-A, and installation at the Canyon Station is out to bid as 196-B.

11/21/13 - Bid opening for 196-B Canyon Generator was 11/5/13 and the low bidder is Avram Electric in the amount of \$64,815.

12/19/13 - Bid opening for 196-A was held 11/20/13 and award construction contract on the 12/19/13 agenda to GCI in the amount of \$485,200 and \$222,080 equipment.

1/23/14 - Work is occurring on 196-A at Elden, Victoria, and Mendoza pump stations and #196-B at Canyon pump station.

2/25/14 - Construction on #196-A is 10% complete and #196-B is 50% complete.

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**PROJECT:** #196 Installation of Backup Power and Pumping Capability

3/27/14 - Construction on #196-A is 15% complete and #196-B is 60% complete.

4/24/14 - #196-A is 40% complete and #196-B is 95% complete.

5/22/14 - The building was installed at Victoria PS on 5/8/14; #196-A is 75% complete. #196-B is complete.

6/26/14 - Installation of the backup pumping units at Victoria and Mendoza pump stations is complete.

7/24/14 - Installation at Elden will continue after contractor moves golf course fence.

8/28/14 - The District/SACC Agreement for moving the golf course fence was approved and construction is set to continue.

9/25/14 - #196-A Elden, Victoria, Mendoza back-up pumps complete; #196-B Generator at Canyon pump station complete; #196-C 23rd back-up pump is in design at structural engineer; #196-D Generator at Irvine pump station; waiting on Gas Co. for proposed meter location prior to finalizing plans.

10/23/14 - GM prefer generator at 23rd P.S. instead of backup unit requiring partial redesign; 196-D Irvine P.S Generator for designing meter assembly by Gas Co.

11/20/14 - Electrical engineering consultant now retained for generator design for #196-C 23rd Station; Design for #196-D Irvine P.S. is continuing.

12/18/14 - 23rd PS generator for #196C requires a larger block wall structure than the backup pump. The generator for the Irvine PS for #196-D will soon be out to bid.

1/22/15 - 196-C - Project in design at electrical engineer's office; design is for backup generator. 196-D - Project out to bid with bid opening 1/20/15.

2/26/15 - #196D Irvine bid opening is on 2/16/15 meeting agenda; 196-C 23rd is in design.

3/26/15 - The pre-construction meeting for 196-D Irvine is 3/18/15; 196-C 23rd is still in design.

4/23/15 - The Kohler generator for #196-D Irvine has been ordered; #196-C 23rd is still in design.

5/28/15 - The notice to proceed for #196-D was issued and construction should be complete by the end of June 2015; #196-C 23rd is in plan check at Newport Beach.

6/25/15 - Construction is progressing at Irvine P.S. #196-D. The plans for 23rd P.S. generator are in plan check at Newport Beach.

7/23/15 - Construction is 90% complete at Irvine P.S. #196-D. District Engineer is working with NB on plan check items for 23rd P.S. #196-C.

8/27/15 - Construction is 95% complete at Irvine P.S. 196-D; District Engineer is waiting for decision on plan check items from Newport Beach on 23rd PS #196C.

9/17/15 - The new exhaust system is being installed at Irvine PS #196-D; consultants are completing the plan check corrections from N.B. on 23rd PS #196-C.

10/22/15 - Installation complete at 196-D Irvine; exhaust system in, new gas company meter in; arranging start up; #196C 23rd out to bid; bid opening 11/24/15.

11/19/15 - Generator at 196-D Irvine is on line; Generator at 196-C 23rd is out to bid.

12/17/15 - #196-D Irvine Generator is nearly complete. #196-C 23rd generator is ready for award of the construction contract; low bid was \$179,400.

1/28/16 - #196-D Irvine PS Generator is complete except for AQMD processing; #196-C 23rd PS Generator will soon start construction.

2/25/16 - #196-D - The Board accepted the improvements at the 1/28/16 regular meeting. AQMD processing will occur soon.

2/25/16 - #196-C- The permit from Newport Beach is ready. The electrical engineer is reviewing the generator submittal.

3/24/16 - #196-C - 23rd Pump Station Generator - construction is 50% complete.

4/28/16 - #196-C 23rd Pump Station Generator is 80% complete; generator should arrive approximately 4/18/16.

5/26/16 - #196-C 23rd Pump Station was completed on May 6, 2016.

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**PROJECT:** #196 Installation of Backup Power and Pumping Capability

6/23/16 - The Board accepted the improvements for #196-C 23rd PS at the May 2016 regular meeting.

7/28-16 - All 4 sub-projects under Project #196 are complete.

8/25/16 - No change in status.

<u>Account Number</u>	Approved Project Budget	June 30, 2016 Accumulated Cost	Current Year Expenditures	Encumbrances	Balance
#196-A Elden, Victoria, Mendoza	\$ 790,000	\$ 770,864	\$ -	\$ -	\$ 19,136
#196-B Canyon	115,000	115,335	-	-	(335)
#196-C 23rd Street	340,000	248,761	-	15,077	76,163
#196-D Irvine	405,000	387,659	-	4,950	12,391
<b>Total</b>	<b>\$ 1,650,000</b>	<b>\$ 1,522,619</b>	<b>\$ -</b>	<b>\$ 20,027</b>	<b>\$ 107,355</b>

**COSTA MESA SANITARY DISTRICT  
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**PROJECT:** #200 Rehabilitation of Four Force Mains

**PROJECT MANAGER:** Rob Hamers, District Engineer

**DESCRIPTION:** The Wilson, Victoria, Mendoza, and South Coast Plaza force mains are being replaced with new force mains.

**BEGIN DESIGN:** Dec-13  
Civil Design - \$82,593

**ESTIMATED COMPLETION DATE:** Late 2014

**STATUS REPORT:**

12/19/13 The design phase has begun.

1/23/14 - The design phase is continuing.

2/25/14 - The design phase is 40% complete.

3/27/14 - The design phase is 60% complete.

4/24/14 - The design phase is 70% complete.

5/22/14 - Mendoza force main is out to bid as a separate project due to upcoming City alley project. Engineer's estimate is \$102,000. Bid opening is 6/2/14.

6/26/14 - GCI Construction is low bidder in the amount of \$82,540 for Project #200-A Mendoza Force Main.

7/24/14 - 1st day of work for Project #200-A was 6/23/14; plans are 75% complete for Harbor, Victoria, SCP.

8/28/14 - All work was completed on #200-A Mendoza force main and the Board will final the project on 8/28/14.

9/25/14 - #200-A Mendoza PS new force main is complete. Design phase of Harbor, Victoria & South Coast Plaza continuing; will be meeting with SC Plaza.

10/23/14 - The plans are 90% complete and were submitted to the City, SCP, and the utility agencies the week of 10/12/14.

11/20/14 - Staff met with SCP Management on 11/6/14 to discuss their concerns. Staff will be meeting with the City of Costa Mesa engineering staff.

12/18/14 - Staff is working with SCP Mgt's over redirecting FM flows. Staff will be meeting with City engineering to discuss the Harbor and Victoria FM

1/22/15 - CCTV and flow metering will occur in the gravity system downstream of the new force main alignment at South Coast Plaza. New Harbor force main and Victoria force main were discussed with the City Engineer.

2/26/15 - Harbor force main improvements will be constructed first as the top priority; design phase is continuing.

3/26/15 - Alternate construction methods for Harbor force main are being investigated.

4/23/15 - The Harbor Force Main will be bid by itself with two alternate methods.

5/28/15 - The Harbor Force Main plans are being completed.

6/25/15 - The Harbor Force Main plans are in plan check at the City of Costa Mesa.

7/23/15 - Plans for Harbor Force Main are 95% complete.

8/27/15 - Request for utility atlas sheets was sent for three utilities to verify clearances from excavation areas.

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9/17/15- Utility locations in the areas of the boring and receiving pits are being finalized.

10/22/15 - Finalizing jack and bore details in Wilson Street crossing Harbor Blvd. Considering notification program.

11/19/15 - The specifications are being completed.

12/17/15 - The specifications and bid items are being completed.

1/28/16 - The project will soon be placed out to bid.

2/25/16 - #200-B - The Harbor force main is out to bid with bid opening on 3/1/16.

3/24/16 - #200-B Harbor Force Main bid opening was 3/1/16 and low bid was \$247,720. Project award is on the agenda.

4/28/16 - #200-B Harbor Force Main construction will begin approximately 6/1/16; #200-C South Coast Plaza Force Main; a conceptual design has been finalized.

5/26/16 - #200-B Harbor Force Main will begin construction in early June; #200-C South Coast Plaza Force Main will soon be out to bid.

6/23/16 - #200-B Harbor Force Main; the traffic control plans and detour plans were submitted to the City; 200-C SCP Force Main; the project will soon be out to bid.

7/28/16 - #200-B Harbor Force Main will be constructed after the OC Fair; #200-C South Coast Plaza will go out to bid during July.

8/25/16 - #200-B Harbor Force Main construction will begin after the Fair is over; #200-C South Coast Plaza Force Main is out to bid.

<u>Account Number</u>	<u>Approved Project Budget</u>	<u>June 30, 2016 Accumulated Cost</u>	<u>Current Year Expenditures</u>	<u>Encumbrances</u>	<u>Balance</u>
#200-A Mendoza	\$ 209,000	\$ 209,068	\$ -	\$ -	\$ (68)
#200-B Harbor	\$ 321,868	\$ 12,893	\$ -	\$ 7,500	\$ 301,475
#200-C South Coast	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000
<b>Total</b>	<b>\$ 1,030,868</b>	<b>\$ 221,961</b>	<b>\$ -</b>	<b>\$ 7,500</b>	<b>\$ 801,407</b>



**COSTA MESA SANITARY DISTRICT  
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**PROJECT:** #202 Elden Piping and Valve Replacement

**PROJECT MANAGER:** Rob Hamers, District Engineer

**DESCRIPTION:** Replace 37-year old piping and valves outside Elden Pumping

**BEGIN DESIGN:** October, 2013

Estimated Project budget: Civil Design \$11,483.50 plus \$6,500 for new construction #196-A Godwin pump and requests by field crew.

Construction - Engineer's Estimate: \$431,210

**ESTIMATED COMPLETION DATE:** December, 2014

**STATUS REPORT:**

10/24/13 - Engineering staff met with the field crew to discuss possible additional replacement of valves inside station.

11/21/13 - The design phase is continuing; the plans are 60% complete.

12/19/13 - The plans are 90% complete and the Engineer's Estimate is being prepared.

1/23/14 - The plans are 100% complete. Staff is exploring combining this work with 196-A, installation of a backup pump at Elden Pump Station.

2/25/14 - The project is being discussed at the study session.

3/27/14 - The need for additional funding has moved the project into the next 2-year budget cycle, beginning 2015-2016; strategic improvements are being included as extra work in Project #196-A.

4/24/14 - The strategic improvements for this project were added to Project #196-A.

5/22/14 - The strategic improvements for this project were constructed on 5/8/14.

6/26/14 - No change in status.

7/24/14 - The remaining improvements under this project will likely be constructed in the 2015-16 fiscal year.

8/28/14 - The project will likely receive funding in the 2015-2016 Fiscal Year to complete the replacement.

9/25/14 - No change in status.

10/23/14 - No change in status.

11/20/14 - No change in status.

12/18/14 - No change in status.

1/22/15 - No change in status.

2/26/15 - Project will be budgeted for 2015-16 or 2016-17.

3/26/15 - No change in status.

4/23/15 - No change in status.

5/28/15 - No change in status.

6/25/15 - No change in status.

7/23/15 - No change in status.

8/27/15 - No change in status.

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9/17/15- No change in status.  
 10/22/15 - Design phase will be re-started in mid October 2015.  
 11/19/15- Design phase re-started with meeting with field crew.  
 12/17/15 - The plans are nearly complete; 2nd meeting held with field crew.  
 1/28/16 - The project will soon be placed out to bid.  
 2/25/16 - The project is out to bid with bid opening on 3/1/16.  
 3/24/16 - Bid opening was 3/1/16 and low bid was \$259,300. Projeet award is on the agenda.  
 4/28/16 - Construction will begin approximately 6/1/16.  
 5/26/16 - Construction began in mid May, 2016.  
 6/23/16 - The valves, piping, couplings, and other parts have been ordered.  
 7/28/16 - The project will be constructed after the OC Fair due to the lead time on acquiring valves and piping.  
 8/25/16- Construction will begin when the Fair is over.

<u>Account Number</u>	<u>Approved Project Budget</u>	<u>June 30, 2016 Accumulated Cost</u>	<u>Current Year to Date Expenditures</u>	<u>Encumbrances</u>	<u>Balance</u>
<b>#202</b>	\$ 459,000	\$ 18,711	\$ -	\$ -	\$ 440,289
<b>Total</b>	<u>\$ 459,000</u>	<u>\$ 18,711</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 440,289</u>

**COSTA MESA SANITARY DISTRICT  
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FY 2015-2016**

**PROJECT:** #309 City Manhole Adjustment Program

**PROJECT MANAGER:** Rob Hamers, District Engineer

**DESCRIPTION:** Manholes adjusted by City of Costa Mesa during street construction

**BEGIN DESIGN:**

Civil Design -

**ESTIMATED COMPLETION DATE:**

**STATUS REPORT:**

5/1/15 - Paid City invoice for fiscal years 2011 thru 2013 for a total of 446 Manholes

8/27/15 - Three invoices for recent work were received from the City.

9/17/15 - The District pays invoices when received and number of manholes verified.

10/22/15 - No change in status.

11/19/15 - No change in status.

12/17/15 - No change in status.

1/28/16 - No change in status.

2/25/16 - No change in status.

3/24/16 - The City will be sending a new request for manhole adjustment reimbursement.

4/28/16 - The City transmitted a preliminary invoice for adjusting 69 manhole frames and covers.

5/26/16 - No change in status.

6/23/16 - The CMSD Senior Inspector is finalizing quantities and costs with the City of Costa Mesa for adjusting manholes.

7/28/16 - Inspection of manhole adjustments during city street projects is continuing.

8/25/16 - Inspection of manhole adjustment is continuing.

	Approved	June 30, 2016	Current Year to Date		
<u>Account Number</u>	<u>Project Budget</u>	<u>Accumulated Cost</u>	<u>Expenditures</u>	<u>Encumbrances</u>	<u>Balance</u>
20-201309-4300	\$ 340,500	\$ 204,343	\$ -	\$ -	\$ 136,158
	<b><u>\$ 340,500</u></b>	<b><u>\$ 204,343</u></b>	<b><u>\$ -</u></b>	<b><u>\$ -</u></b>	<b><u>\$ 136,158</u></b>

**COSTA MESA SANITARY DISTRICT  
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**PROJECT:** #310 Indus Sewer and MH Lining

**PROJECT MANAGER:** Rob Hamers, District Engineer

**DESCRIPTION:** Insall liner in 10" gravity sewer and manholes.

**BEGIN DESIGN:** Civil Design \$22,610

**ESTIMATED COMPLETION DATE:**

**STATUS REPORT:**

8/27/15 - The design phase has been started.

9/17/15- The design phase is 15% complete.

10/22/15 - Design phase is 50% complete.

11/19/15 - Design phase is 80% complete.

12/17/15 - Design phase is 90% complete.

1/28/16 - Plans were submitted to OCFCD for a permit to use the Santa Ana Delhi Channel for access.

2/25/16 - The project is out to bid with bid opening on 3/1/16.

3/24/16 - Bid opening was 3/1/16 and low bid was \$218,458. Project award is on the agenda.

4/28/16 - Preconstruction meeting was held 4/1/16; preliminary work will begin 4/7/16.

5/26/16 - Construction is underway.

6/23/16 - All sections of pipe have been lined; contractor now installing liners in manholes.

7/28/16 - Construction is complete and the project is on the agenda for acceptance of improvements.

8/25/16- The project is complete.

<u>Account Number</u>	<u>Approved Project Budget</u>	<u>June 30, 2016 Accumulated Cost</u>	<u>Current Year to Date</u>		<u>Balance</u>
			<u>Expenditures</u>	<u>Encumbrances</u>	
20-201310-4300	\$ 353,000	\$ 280,792	\$ -	\$ -	\$ 72,208
	<b><u>\$ 353,000</u></b>	<b><u>\$ 280,792</u></b>	<b><u>\$ -</u></b>	<b><u>\$ -</u></b>	<b><u>\$ 72,208</u></b>

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CAPITAL IMPROVEMENT PROGRAM  
FY 2016-2017**

**PROJECT:** #311 Manhole Surface Repair Program - Phase II

**PROJECT MANAGER:** Rob Hamers, District Engineer

**DESCRIPTION:**

**BEGIN DESIGN:**

Civil Design - Sep-13

**ESTIMATED COMPLETION DATE:**

**STATUS REPORT:**

9/17/15 The design phase has been started.

10/22/15 - The project is out to bid with bid opening 10/19/2015.

11/19/15 - Low bid for 43 manholes is \$47,420; contract being executed.

12/17/15 - The pre-construction meeting is 12/11/15.

1/28/16 - Construction is underway.

2/25/16 - Construction is continuing.

3/24/16 - Construction is continuing.

4/28/16 - Construction is complete and the project is on the regular meeting agenda for acceptance of improvements.

5/26/16 - The project is complete.

6/23/16 - No change in status.

7/28/16 - No change in status.

8/25/16 - No change in status.

	Approved	June 30, 2016	Current Year to Date		
<u>Account Number</u>	<u>Project Budget</u>	<u>Accumulated Cost</u>	<u>Expenditures</u>	<u>Encumbrances</u>	<u>Balance</u>
20-201311-4300	\$ 150,000	\$ 82,829	\$ -	\$ 5,005	\$ 62,166
	<u><b>\$ 150,000</b></u>	<u><b>\$ 82,829</b></u>	<u><b>\$ -</b></u>	<u><b>\$ 5,005</b></u>	<u><b>\$ 62,166</b></u>

**COSTA MESA SANITARY DISTRICT  
CAPITAL IMPROVEMENT PROGRAM  
FY 2016-2017**

**PROJECT:** #312 Aviemore Pump Station Rehabilitation

**PROJECT MANAGER:** Rob Hamers, District Engineer

**DESCRIPTION:** Replace existing pumps, bases, valves, piping, guide rails, and by-pass valves.

**BEGIN DESIGN:**  
Civil Design - In General Eng.

**ESTIMATED COMPLETION DATE:**

**STATUS REPORT:**

9/17/15 Informal bid opening is 9/8/15.  
 10/22/15 - Contract awarded to Schuler Constructors; pump and equipment ordered.  
 11/19/15 - Contract being executed.  
 12/17/15 - All pumping equipment has been received and contractor is preparing schedule.  
 1/28/16 - Construction is underway.  
 2/25/16 - Construction was completed on 1/28/16.  
 3/24/16 - The Board accepted the improvements at the February 2016 regular meeting.  
 4/28/16 - An electrical contractor will be replacing the electrical enclosure with a new stainless steel enclosure.  
 5/26/16 - The electrical enclosure is being manufactured.  
 6/23/16 - The new electrical enclosure is being manufactured.  
 7/28/16 - The new electrical enclosure will soon be installed.  
 8/25/16 - The new stainless steel electrical enclosure was installed; the wrap will soon be installed.

<u>Account Number</u>	<u>Approved Project Budget</u>	<u>June 30, 2016 Accumulated Cost</u>	<u>Current Year to Date</u>		<u>Balance</u>
20-201312-4300	\$ 110,000	\$ 89,581	<u>Expenditures</u>	<u>Encumbrances</u>	
			-	-	\$ 20,419
	<b><u>\$ 110,000</u></b>	<b><u>\$ 89,581</u></b>	<b><u>-</u></b>	<b><u>-</u></b>	<b><u>\$ 20,419</u></b>

**COSTA MESA SANITARY DISTRICT  
CAPITAL IMPROVEMENT PROGRAM  
FY 2016-2017**

**PROJECT:** #313 Victoria Force Main Replacement

**PROJECT MANAGER:** Rob Hamers, District Engineer

**DESCRIPTION:** Construction of new force main from pump station to intersection of Harbor/Victoria

**BEGIN DESIGN:**  
Civil Design \$33,108

**ESTIMATED COMPLETION DATE:**  
Fall 2016

**STATUS REPORT:**  
8/25/16 Design phase is continuing.

<u>Account Number</u>	<u>Approved Project Budget</u>	<u>June 30, 2016 Accumulated Cost</u>	<u>Current Year to Date Expenditures</u>	<u>Encumbrances</u>	<u>Balance</u>
20-201313-4300	\$ 320,000	\$ -	\$ -	\$ -	\$ 320,000
	<b><u>\$ 320,000</u></b>	<b><u>\$ -</u></b>	<b><u>\$ -</u></b>	<b><u>\$ -</u></b>	<b><u>\$ 320,000</u></b>

**COSTA MESA SANITARY DISTRICT  
CAPITAL IMPROVEMENT PROGRAM  
FY 2016-2017**

**PROJECT:** #314 Grade 5 Pipe Rehabilitation

**PROJECT MANAGER:** Rob Hamers, District Engineer

**DESCRIPTION:** Replace existing piping deemed Grade 5 in CCTV project.

**BEGIN DESIGN:**

**ESTIMATED COMPLETION DATE:**

**STATUS REPORT:**

4/28/16 - 18 Grade 5 pipes found during CCTV project are being put out for emergency repair or replacement..

5/26/16 - Project was awarded to Robotic Sewer Solutions for low bid of \$25,000.

6/23/16 - Phase I improvements are complete; Phase 2 low bid was \$45,290 and the contract is being prepared.

7/28/16 - Phase 2 is under construction and Phase 3 is out to bid.

8/25/16 -Phase 1 is complete; Phase 2 is under construction; Phase 3 is under construction; Phase 4 is out to bid.

	Approved	June 30, 2016	Current Year to Date		
<u>Account Number</u>	<u>Project Budget</u>	<u>Accumulated Cost</u>	<u>Expenditures</u>	<u>Encumbrances</u>	<u>Balance</u>
20-201314-4300	\$ 557,000	\$ 26,803	\$ -	\$ 45,290	\$ 484,908
	<b><u>\$ 557,000</u></b>	<b><u>\$ 26,803</u></b>	<b><u>\$ -</u></b>	<b><u>\$ 45,290</u></b>	<b><u>\$ 484,908</u></b>



**COSTA MESA SANITARY DISTRICT  
CAPITAL IMPROVEMENT PROGRAM  
FY 2016-2017**

**PROJECT:** #315 Relocation of HQ Generator to 19th Street Pump Station

**PROJECT MANAGER:** Rob Hamers, District Engineer

**DESCRIPTION:** Relocation of HQ Generator to Gisler Pump Station

**BEGIN DESIGN:** Apr-16  
Civil Design including survey \$17,290  
Electrical Engineering Design \$8,590

**ESTIMATED COMPLETION DATE:** November 2016

**STATUS REPORT:**

5/26/16 - Design phase is underway.

6/23/16 - Formal request sent to Mesa Verde Country Club (MVCC) to locate generator on MVCC property.

7/28/16 - Additional information was provided to MVCC on 7/2/16.

8/25/16 - The HQ generator will be relocated to the 19th Street Pump Station instead of the Gisler Pump Station.

	Approved	June 30, 2016	Current Year to Date		
<u>Account Number</u>	<u>Project Budget</u>	<u>Accumulated Cost</u>	<u>Expenditures</u>	<u>Encumbrances</u>	<u>Balance</u>
	\$ 157,000	\$ 1,960	\$ -	\$ -	\$ 155,040
20-201315-4300	<b><u>\$ 157,000</u></b>	<b><u>\$ 1,960</u></b>	<b><u>\$ -</u></b>	<b><u>\$ -</u></b>	<b><u>\$ 155,040</u></b>

**COSTA MESA SANITARY DISTRICT  
CAPITAL IMPROVEMENT PROGRAM  
FY 2016-2017**

**PROJECT:** #316 Adams Pump Station Electrical Improvements

**PROJECT MANAGER:** Rob Hamers, District Engineer

**DESCRIPTION:** Upgrade electrical so emergency generator can be parked on Calvert Avenue.

**BEGIN DESIGN:** Apr-16  
Civil Design including su \$8,340  
Electrical Engineering De \$7,500

**ESTIMATED COMPLET** Fall 2016

**STATUS REPORT:**

8/25/16 Board approved Easement Agreement with property owner at 7/28/16 meeting. Design underway.

	Approved	June 30, 2016	Current Year to Date		
<u>Account Number</u>	<u>Project Budget</u>	<u>Accumulated Cost</u>	<u>Expenditures</u>	<u>Encumbrances</u>	<u>Balance</u>
	\$ 116,000	\$ -	\$ -	\$ -	\$ 116,000
20-201316-4300	<b><u>\$ 116,000</u></b>	<b><u>\$ -</u></b>	<b><u>\$ -</u></b>	<b><u>\$ -</u></b>	<b><u>\$ 116,000</u></b>