

AGENDA
JOINT FACILITIES ADVISORY COMMITTEE

Thursday, May 9, 2019
9:30 a.m.

Held at the Santa Fe Irrigation District
5920 Linea Del Cielo, Rancho Santa Fe, California 92067

CALL MEETING TO ORDER

PLEDGE OF ALLEGIANCE

ORAL COMMUNICATIONS

Opportunity for members of the public to address the Board (Government Code Section 54954.3) Individuals may address the Board regarding items not appearing on the posted agenda, which are within the subject matter jurisdiction of the Board, at any time. Comments and inquiries pertaining to items listed on the agenda will be received during the deliberation of the agenda item. Speakers are asked to state their name, address, and topic, and to observe a time limit of three (3) minutes each. Members of the public desiring to address the Board are asked to complete a speaker's card, available at the table near the entrance, and present it to the Board Secretary prior to the start of the meeting.

ACTION AND DISCUSSION ITEMS

1. Approval of the February 14, 2019 Committee Meeting Minutes (pages 2-3)
2. Review of the Draft FY20 Joint Facilities Budget (pages 4-9)
3. Report on Status of Lake Hodges Dam (verbal)

REPORTS

4. Joint Facilities Capital Improvement Program Report (verbal)
 - Status Report on Hazard Mitigation Grant Funding
5. Joint Facilities Operations Report (verbal)
6. Committee Member Comments (verbal)

ADJOURN

The next Joint Facilities Advisory Committee meeting is scheduled for Thursday, November 14, 2019, at 9:30 a.m. at the Santa Fe Irrigation District.

Assistance for the disabled: If you are disabled in any way and need accommodation to participate in the Committee meeting, please call the Board Secretary at (858) 756-2424 for assistance at least three (3) working days prior to the meeting so the necessary arrangements can be made.

MINUTES
JOINT FACILITIES ADVISORY COMMITTEE

February 14, 2019
Santa Fe Irrigation District
5920 Linea del Cielo, Rancho Santa Fe, CA 92067

PRESENT: Chairman Joe Mosca, San Dieguito Water District Member Catherine Blakespear, and Santa Fe Irrigation District Director Andy Menshek were present.

ABSENT: Santa Fe Irrigation District Member Marlene King

ALSO PRESENT: Santa Fe Irrigation District Interim General Manager William Hunter, Executive Assistant Kim Johnson, Administrative Services Manager Seth Gates, Chief Treatment Operator Elijah Standing Warrior, and San Dieguito Water District General Manager Bill O'Donnell and Public Works Director Carl Quiram were present.

Chairman Mosca called the meeting to order at 9:30 a.m.

ORAL COMMUNICATIONS

There was no Oral Communication from the Public.

ACTION AND DISCUSSION ITEMS

1. APPOINTMENT OF COMMITTEE CHAIR

Upon a motion by Director Menshek and second by Director Blakespear, the Committee voted 3-0 to appoint Director Mosca as Committee Chair. (King absent)

2. APPROVAL OF THE MAY 10, 2018 COMMITTEE MEETING MINUTES

Upon a motion by Chairman Mosca and second by Director Blakespear, the Committee voted 3-0 to approve the minutes of the May 10, 2018 JFAC meeting. (King absent)

REPORTS

3. JOINT FACILITIES CAPITAL IMPROVEMENT PROGRAM REPORT

Interim General Manager Hunter presented an update on the current capital improvement projects, noted all projects were tracking on schedule, and responded to questions from the Committee. There was no action requested or required of the Committee.

4. JOINT FACILITIES OPERATIONS REPORT

CTO Standing Warrior gave a report on water levels in Lake Hodges and IGM Hunter provided an update on Lake Hodges operation activities and responded to questions from the Committee. . There was no action requested or required of the Committee

5. COMMITTEE MEMBER COMMENTS

Director Blakespear asked about the downstream impacts by Lake Hodges not spilling, and if the Districts were responsible for mitigating the impacts. CTO Standing Warrior commented that the Districts are not responsible, the dam was constructed in 1918, and there is water seepage from the dam downstream.

INFORMATION ITEMS

6. 2019 JOINT FACILITIES ADVISORY COMMITTEE MEETING SCHEDULE

The Committee discussed the schedule and identified conflicts with the August meeting date. Upon a motion by Director Menskek, and second by Chairman Mosca, the Committee voted 3-0 to cancel the August 8, 2019 meeting. (King absent)

If items require Committee consideration prior to the November 14, 2019 meeting, a meeting date will be coordinated with the members.

ADJOURN

Chairman Mosca adjourned the meeting at 10:01 a.m.

Chairman Joe Mosca

DATE: May 9, 2019
TO: Joint Facilities Advisory Committee
FROM: General Manager, Santa Fe Irrigation District
SUBJECT: **Review Draft FY20 Joint Facilities Capital Improvement Budget and Draft Updated 10 Year Capital Improvement Program**

RECOMMENDATION:

It is the Staff recommendation that the Joint Facilities Advisory Committee:

1. Review and discuss the Draft FY20 Joint Facilities Capital Improvement Budget;
2. Review and discuss the Draft Updated 10-year Joint Facilities Capital Improvement Program, and;
3. Take other action as appropriate.

DISCUSSION:

Draft FY20 Joint Facilities Capital Improvement Budget: Staff has developed the Draft Joint Facilities Capital Improvement (CIP) Budget for Fiscal Year 2020 (FY20). Capital Improvements are relatively large projects which may span multiple fiscal years. Each year, the budget reflects estimated expenditures for the portions of the projects that are planned to cover replacements, improvements, and additions to the existing water distribution system and joint facilities.

As shown on the FY20 Joint Facilities CIP Summary Spreadsheet, included as Attachment A, the FY20 Capital Budget includes eight (8) Capital Projects with total projected FY20 expenditures of \$9,157,500. *This total FY20 budget amount includes both the Santa Fe Irrigation District's and San Dieguito Water District's (SDWD) share of the Joint Facilities Projects described later in this memorandum.* Five (5) Joint Facilities projects are continuing from FY19. In the development of the FY19 budget, it was anticipated that construction of the 5 large continuing joint facility projects would be initiated in FY19 and completed in FY20. Therefore, the FY19 budget included the total appropriation amount for these projects. It is now known that design of these projects will be completed in FY19, and construction will span between FY20 and FY22. Therefore, the total projected carryover appropriation from the FY19 capital budget is \$14,901,200. Recommended new Joint Facility Project appropriations for FY20 total \$1,040,000.

As shown on Table 1, funding for Joint Facilities Projects is shared between Santa Fe Irrigation District (SFID) and SDWD based upon ownership percentages.

| Table 1 | | | |
|---|----------------------------------|--------------------|---------------------------------------|
| FY20 Capital Improvement Budget Components for SFID and SDWD | | | |
| | JOINT FACILITIES PROJECTS | | COMBINED |
| | SFID | SDWD | TOTAL JOINT FACILITIES |
| FY20 Budget Projected Expenditures | \$5,231,100 | \$3,926,400 | \$9,157,500 |

The following provides a brief description of FY20 Joint Facilities Capital Improvement Projects:

Joint Facilities Projects

The FY20 CIP Budget includes eight Joint Facilities Projects. The following describes five projects that are continuing from FY19. Design for all five projects will be completed in FY19 and construction will span between FY20 and FY21. The Mechanical Dewatering Improvements, San Dieguito Dam Handrail Improvements, and Concrete Refurbishment at the San Dieguito Dam are being packaged into one project to enhance economies of scale. The Clearwell Seismic and Washwater Tank Seismic Improvement Projects are being packaged into one project order to improve economy of scale, and to accommodate the needs of a potential \$2.6 million hazard mitigation grant currently being considered by FEMA. In June 2018, a Hazard Mitigation Grant application was submitted to the California Office of Emergency Services (CalOES). Following 10 months of review, CalOES has forwarded the Districts’ grant application to FEMA for their consideration. It is understood that once CalOES considers a grant application worthy of subsequent FEMA review, there is a high probability that FEMA will award the grant. However, the FEMA review and approval process could take 0.5 to 2 years. Though there is now a higher probability that the application will be approved, the budget amount shown for the Clearwell Seismic and Washwater Tank Seismic Improvements includes the total required amount, and does not assume a reduction for potential grant funds.

- **Clearwell Seismic Improvements Project J-1700**, includes enhancements to the existing 50-year old clearwell to improve reliability during a seismic event. The clearwell is a 13 million gallon buried concrete tank used to store treated potable water at the R.E. Badger Water Filtration Plant (Plant).
- **Washwater Tank Seismic Improvements Project J-1751**, includes enhancements to the existing 50-year old washwater tank to improve reliability during a seismic event. The project also includes improvements identified during an assessment of the tank’s condition during pre-design. The 1 million gallon above ground steel washwater tank is 82.5 feet tall and 46 feet in diameter. The water in the tank is used to backwash filters at the Plant.
- **Mechanical Dewatering Improvements Project J-1752**, includes improvements to enhance the reliability of solids thickening and dewatering facilities at the R.E. Badger Water Filtration Plant.

- **Handrail Improvements at San Dieguito Reservoir Project J-1753**, will replace the existing handrails that were installed in 1918 with new handrails that comply with current safety standards.
- **San Dieguito Dam Concrete Refurbishment Project J-1754**, is a preventative maintenance project that will repair weathered areas of concrete on the dry side of the San Dieguito Reservoir Dam in order to avoid the impacts of more significant deterioration.

The following provides a brief description of the three (3) new Joint Facilities projects shown included in the FY20 Capital Budget.

- **R.E. Badger Operations Building Roofing Replacement J-2050**, includes replacement of the aging roofing material. The administration building was constructed in 1970. Work will require removal of existing rooftop heating, ventilation, and air conditioning (HVAC) equipment and subsequent replacement of the existing HVAC equipment following replacement of the roofing. Minor HVAC duct work replacement is also anticipated.
- **R.E. Badger Filters and Sedimentation Basin Concrete Repairs J-2051**, is a preventative maintenance project that will repair spalling concrete with exposed reinforcing steel within the existing filter and sedimentation basin concrete structures. The repairs will protect the integrity of the existing facilities until more extensive refurbishment work is conducted during much larger filter and sedimentation improvement projects identified later in the 10 year Joint Facilities CIP.
- **Cielo Pump Station Valve Replacement Project J-2052**, includes the replacement and relocation of one 36-inch buried station shut off suction valve from Del Dios Highway to a proposed new buried vault the Cielo Pump Station site, and replacement of 4 buried 24-inch pump suction valves and one 10-inch buried pump discharge bypass valve within the Cielo Pump Station site. Each of the existing valves have operational problems of varying degrees. New couplings will be provided where valves are replaced. The project also includes replacement of an aging air compressor. In addition, the existing station shut-off valve under Del Dios Highway will be removed and the fittings will be provided in the location where the existing non-functioning valve will be removed.

Draft FY20 Updated 10-year Joint Facilities Capital Improvement Program (CIP): In order to plan for future capital improvement requirements, the Districts maintain a 10-Year Joint Facilities Capital Improvement Program (CIP). The 10-Year CIP defines and prioritizes Joint Facility project requirements for a fixed 10 year planning period. Each year, the Districts updates the 10-Year CIP in order to incorporate new information, confirm project priorities, and modify specific project schedules as appropriate.

Attachment B provides the recommended Draft FY20 update of the 10-year Joint Facilities CIP. The 10-year Joint Facilities CIP total 10 year estimate is \$47,887,900. SFID's portion of the Joint Facilities 10 Year CIP is \$ 26,996,800 and SDWD's portion is \$20,891,100.

Staff will present an overview of the proposed Draft FY20 Capital Improvement Budget and Updated 10-Year CIP at the May 9, 2019 Joint Facilities Advisory Committee meeting.

Attachment A: Draft FY20 Joint Facilities Capital Improvement Budget Summary

Attachment B: Draft FY20 Updated 10 Year Joint Facilities CIP

Prepared by: William G. Hunter, P. E., SFID Engineering Services Manager

Approved by: Albert C. Lau, P.E., SFID General Manager

ATTACHMENT A
Revised May 2, 2019
Joint Facilities Capital Improvement Budget Summary
Fiscal Year 2020

| Project Number | PROJECT | Total Estimated Cost of Project | Total Appropriations Through FY19 | Projected Expenditures Through FY19 | Projected FY20 Carryover | FY2020 Appropriation | FY20 Budget Projected Expenditures |
|---|---|---------------------------------|-----------------------------------|-------------------------------------|--------------------------|----------------------|------------------------------------|
| <u>JOINT FACILITIES PROJECTS (Budget includes BOTH SFID and SDWD Portions)</u> | | | | | | | |
| 1750 | Clearwell Seismic Improvements | 2,400,000 | 2,400,000 | 151,200 | 2,248,800 | 0 | 1,103,800 |
| 1751 | Washwater Tank Seismic Improvements | 3,375,000 | 3,375,000 | 258,500 | 3,116,500 | 0 | 1,553,800 |
| 1752 | Mechanical Dewatering Improvements | 9,100,000 | 9,100,000 | 756,600 | 8,343,400 | 0 | 4,267,400 |
| 1753 | Handrail Improvements at San Dieguito Reservoir | 600,000 | 600,000 | 39,000 | 561,000 | 0 | 561,000 |
| 1754 | San Dieguito Dam Concrete Refurbishment | 688,000 | 688,000 | 56,500 | 631,500 | 0 | 631,500 |
| 2050 | R.E. Badger Operation Building Roofing Replacement Project | 275,000 | 0 | 0 | 0 | 275,000 | 275,000 |
| 2051 | R..E. Badger Filters and Sedimentation Basins Concrete Repair | 250,000 | 0 | 0 | 0 | 250,000 | 250,000 |
| 2052 | Cielo Pump Station Valve Replacement Project | 515,000 | 0 | 0 | 0 | 515,000 | 515,000 |
| JOINT FACILITIES CIP TOTAL | | \$ 17,203,000 | \$ 16,163,000 | \$ 1,261,800 | \$ 14,901,200 | \$ 1,040,000 | \$ 9,157,500 |

ATTACHMENT B
DRAFT FY-20 JOINT FACILITIES
10 Year Capital Improvement Program
FY17 to FY26
All Numbers in Thousands of Dollars

| Project # | Estimated Total Capital Cost | Description | Actual Expenditures through FY16 | FY17 Actual Expenditures | FY18 Actual Expenditures | FY19 Estimated Expenditures | FY20 | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | TOTAL 10 YEAR CIP (FY17-FY26) |
|--|------------------------------|--|----------------------------------|--------------------------|--------------------------|-----------------------------|------------|------------|------------|------------|------------|------------|------------|-------------------------------|
| Joint Facilities (SFID Cost) | | | | | | | | | | | | | | |
| REB Plant Improvements | | | | | | | | | | | | | | |
| J-1351 | \$ 2,786.3 | Electrical Distribution and Substation Improvements | \$ 2,357.7 | \$ 244.3 | \$ 186.0 | | | | | | | | | \$ 430.3 |
| J-1350 | \$ 999.4 | Chlorine Dioxide Generation & PACL Feed Improvements | \$ 443.4 | \$ 495.8 | \$ 54.5 | | | | | | | | | \$ 550.3 |
| J-1750 | \$ 1,656.0 | Clearwell Seismic Improvements | | \$ 24.8 | \$ 41.6 | 38 | \$ 761.5 | \$ 790.1 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,656.0 |
| J-1751 | \$ 1,856.0 | Washwater Tank Seismic Improvements | | \$ 31.7 | \$ 33.4 | 77 | \$ 854.7 | \$ 859.2 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,856.0 |
| J-1752 | \$ 5,005.0 | Mechanical Dewatering Improvements | | \$ 95.5 | \$ 122.7 | 198 | \$ 2,347.3 | \$ 2,241.5 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,005.0 |
| J-TBD | \$ 3,795.0 | Filter Washwater Improvements | | | | | | \$ 303.0 | \$ 1,746.0 | \$ 1,746.0 | | | | \$ 3,795.0 |
| J-TBD | \$ 600.6 | New Flocculators | | \$ - | \$ - | \$ - | \$ - | | \$ - | \$ 60.5 | \$ 540.1 | \$ - | \$ - | \$ 600.6 |
| J-TBD | \$ 902.0 | New Sludge Collection Equipment | | \$ - | \$ - | \$ - | \$ - | | \$ - | \$ 96.3 | \$ 805.7 | \$ - | \$ - | \$ 902.0 |
| J-1753 | \$ 343.8 | Handrail Improvements at San Dieguito Reservoir | | \$ 6.8 | \$ 4.1 | 11.3 | \$ 321.6 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 343.8 |
| J-TBD | \$ 3,487.0 | Filter Improvements | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 350.0 | \$ 1,568.5 | \$ 1,918.5 |
| J-2050 | \$ 151.3 | RE Badger Ops Building Roofing Replacement Project | | \$ - | \$ - | \$ - | \$ 151.2 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 151.2 |
| J-2051 | \$ 137.5 | RE Badger Filter and Sed Basin Concrete Repair | | \$ - | \$ - | \$ - | \$ 137.5 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 137.5 |
| SDR Improvements | | | | | | | | | | | | | | |
| J-600 | \$ 4,125.0 | San Dieguito Pump Station Replacement | \$ 1,517.0 | \$ 1,924.6 | \$ 308.6 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,233.2 |
| J-TBD | \$ 1,809.0 | SDR Perimeter Vegetation Removal | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| J-1754 | \$ 392.2 | SD Dam Concrete Refurbishment | | \$ - | \$ 10.0 | 22.4 | \$ 362.0 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 394.4 |
| J-TBD | \$ 3,130.2 | SDR Dredging Project | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Pipeline Improvements | | | | | | | | | | | | | | |
| J-603 | \$ 82.5 | Relocate Fiberoptic Cable | \$ 21.7 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 60.8 | \$ - | \$ - | \$ - | \$ - | \$ 60.8 |
| J-TBD | \$ 2,597.6 | New Parallel Flume Pipeline from CPS to SDR | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 258.0 | \$ 1,169.8 | \$ 1,169.8 | \$ - | \$ - | \$ 2,597.6 |
| J-TBD | \$ 1,252.1 | Reline or Replace 15-in Drain Line to SDR | | \$ - | \$ - | \$ - | \$ - | \$ 150.00 | \$ 1,102.1 | \$ - | \$ - | \$ - | \$ - | \$ 1,252.1 |
| J-TBD | \$ 2,817.2 | Reline or Replace Existing 30-in SDPS Forcemain to Plant | | \$ - | \$ - | \$ - | \$ - | \$ 286.6 | \$ 1,265.3 | \$ 1,265.3 | \$ - | \$ - | \$ - | \$ 2,817.2 |
| J-TBD | \$ 7,789.0 | 54 Inch CCP Pipeline Rehabilitation | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Cielo Pump Station Improvements | | | | | | | | | | | | | | |
| J-2052 | \$ 258.0 | Cielo Pump Station Valve Replacement Project | | \$ - | \$ - | \$ - | \$ 295.3 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 295.3 |
| Subtotal Joint Facilities (SFID Cost) | | | | \$ 2,823.5 | \$ 760.9 | \$ 346.7 | \$ 5,231.1 | \$ 4,327.4 | \$ 2,989.2 | \$ 4,181.1 | \$ 3,072.6 | \$ 1,695.8 | \$ 1,568.5 | \$ 26,996.8 |
| Joint Facilities (SDWD Cost) | | | | | | | | | | | | | | |
| REB Plant Improvements | | | | | | | | | | | | | | |
| J-1351 | \$ 2,279.7 | Electrical Distribution and Substation Improvements | \$ 1,929.0 | \$ 199.8 | \$ 152.2 | | | | | | | | | \$ 352.0 |
| J-1350 | \$ 817.7 | Chlorine Dioxide Generation & PACL Feed Improvements | \$ 362.8 | \$ 405.7 | \$ 44.6 | | | | | | | | | \$ 450.3 |
| J-1750 | \$ 744.0 | Clearwell Seismic Improvements | | \$ 11.1 | \$ 18.7 | 17 | \$ 342.3 | \$ 354.9 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 744.0 |
| J-1751 | \$ 1,519.0 | Washwater Tank Seismic Improvements | | \$ 26.0 | \$ 27.4 | 63 | \$ 699.1 | \$ 703.5 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,519.0 |
| J-1752 | \$ 4,095.0 | Mechanical Dewatering Improvements | | \$ 78.1 | \$ 100.3 | 162 | \$ 1,920.1 | \$ 1,834.5 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 4,095.0 |
| J-TBD | \$ 3,105.0 | Filter Washwater Improvements | | | | | | \$ 248.0 | \$ 1,428.5 | \$ 1,428.5 | | | | \$ 3,105.0 |
| J-TBD | \$ 491.4 | New Flocculators | | \$ - | \$ - | \$ - | \$ - | | \$ - | \$ 49.5 | \$ 441.9 | \$ - | \$ - | \$ 491.4 |
| J-TBD | \$ 738.0 | New Sludge Collection Equipment | | \$ - | \$ - | \$ - | \$ - | | \$ - | \$ 78.8 | \$ 659.2 | \$ - | \$ - | \$ 738.0 |
| J-1753 | \$ 256.2 | Handrail Improvements at San Dieguito Reservoir | | \$ 5.2 | \$ 3.0 | 8.6 | \$ 239.4 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 256.2 |
| J-TBD | \$ 2,853.0 | Filter Improvements | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 250.0 | \$ 1,301.5 | \$ 1,551.5 |
| J-2050 | \$ 123.8 | RE Badger Ops Building Roof Replacement Project | | \$ - | \$ - | \$ - | \$ 123.8 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 123.8 |
| J-2051 | \$ 112.5 | RE Badger Filter and Sed Basin Concrete Repair | | \$ - | \$ - | \$ - | \$ 112.5 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 112.5 |
| SDR Improvements | | | | | | | | | | | | | | |
| J-600 | \$ 3,375.0 | San Dieguito Pump Station Replacement | \$ 1,241.1 | \$ 1,574.7 | \$ 252.5 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,827.2 |
| J-TBD | \$ 1,346.7 | SDR Perimeter Vegetation Removal | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| J-1754 | \$ 295.8 | SD Dam Concrete Refurbishment | | \$ - | \$ 7.4 | 16.7 | \$ 269.5 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 293.6 |
| J-TBD | \$ 2,329.8 | SDR Dredging Project | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Pipeline Improvements | | | | | | | | | | | | | | |
| J-603 | \$ 67.5 | Relocate Fiberoptic Cable | \$ 17.7 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 49.8 | \$ - | \$ - | \$ - | \$ - | \$ 49.8 |
| J-TBD | \$ 1,933.4 | New Parallel Flume Pipeline from CPS to SDR | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 192.0 | \$ 870.7 | \$ 870.7 | \$ - | \$ - | \$ 1,933.4 |
| J-TBD | \$ 931.9 | Reline or Replace 15-in Drain Line to SDR | | \$ - | \$ - | \$ - | \$ - | \$ 112.0 | \$ 819.9 | \$ - | \$ - | \$ - | \$ - | \$ 931.9 |
| J-TBD | \$ 2,096.8 | Reline or Replace Existing 30-in SDPS Forcemain to Plant | | \$ - | \$ - | \$ - | \$ - | \$ 213.4 | \$ 941.7 | \$ 941.7 | \$ - | \$ - | \$ - | \$ 2,096.8 |
| J-TBD | \$ 5,026.0 | 54 Inch CCP Pipeline Rehabilitation | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Cielo Pump Station Improvements | | | | | | | | | | | | | | |
| J-2052 | \$ 192.0 | Cielo Pump Station Valve Replacement Project | | \$ - | \$ - | \$ - | \$ 219.7 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 219.7 |
| Subtotal Joint Facilities (SDWD Cost) | | | | \$ 2,300.6 | \$ 606.1 | \$ 267.3 | \$ 3,926.4 | \$ 3,218.3 | \$ 2,251.4 | \$ 3,240.9 | \$ 2,427.5 | \$ 1,351.1 | \$ 1,301.5 | \$ 20,891.1 |
| TOTAL JOINT FACILITIES PROJECTS | | | | \$ 5,124.1 | \$ 1,367.0 | \$ 614.0 | \$ 9,157.5 | \$ 7,545.7 | \$ 5,240.6 | \$ 7,422.0 | \$ 5,500.1 | \$ 3,046.9 | \$ 2,870.0 | \$ 47,887.9 |