

FY 2020-2021 Five Year Capital Improvement Program

Marina Coast Water District

DRAFT Five-Year CIP

| CIP No. | PROJECT DESCRIPTION | FY 2019-20 Estimated | FY 2020-21 Proposed | FY 2021-22 Proposed | FY 2022-23 Proposed | FY 2023-24 Proposed | FY 2024-25 Proposed | OUT YEARS | TOTAL | CATEGORY |
|---------------------|---|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------|---------------------|----------|
| Marina Water | | | | | | | | | | |
| MW-0111 | Beach Road Pipeline | \$40,000 | \$454,815 | \$0 | \$0 | \$0 | \$0 | \$0 | \$494,815 | E |
| MW-0302 | Crescent Ave Connector to Reservoir 2 | \$20,000 | \$196,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$216,000 | E |
| MW-0303 | Reindollar Replacement from Calif. Ave to Vaughn Ave | \$0 | \$0 | \$0 | \$0 | \$0 | \$382,000 | \$0 | \$382,000 | M |
| MW-0304 | Armstrong Ranch Development | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,384,000 | \$1,384,000 | S |
| MW-0109 | Lake Court Waterline Extension | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$500,000 | S |
| | Subtotal | \$60,000 | \$650,815 | \$0 | \$0 | \$0 | \$382,000 | \$1,884,000 | \$2,976,815 | |
| Marina Sewer | | | | | | | | | | |
| MS-0143 | Replace Lift Station No. 6 (Crescent) | \$100,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$100,000 | E |
| MS-0202 | Carmel Ave Sewer Main Improvement Project | \$0 | \$60,000 | \$330,000 | \$0 | \$0 | \$0 | \$0 | \$390,000 | E |
| MS-0138 | Hillcrest Ave/Sunset Ave Sewer Main Imp. Project | \$0 | \$0 | \$0 | \$60,000 | \$300,000 | \$0 | \$0 | \$360,000 | E |
| MS-0141 | Reservation Rd from Nicklas Lane to Crescent Ave. | \$0 | \$0 | \$0 | \$0 | \$598,000 | \$0 | \$0 | \$598,000 | E |
| MS-0172 | Reservation Rd from Crescent to Seacrest | \$0 | \$0 | \$0 | \$0 | \$0 | \$654,000 | \$0 | \$654,000 | E |
| MS-0203 | Abdy Way & Paul Davis Dr Sewer Main Imps Project | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,116,000 | \$1,116,000 | S |
| MS-0205 | Del Monte/Reservation Road Sewer Main Imp. Project I | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$240,000 | \$240,000 | M |
| MS-0137 | Del Monte/Reservation Road Sewer Main Imp. Project II | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$375,000 | \$375,000 | M |
| MS-0201 | Armstrong Ranch Sewer Improvements | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,428,600 | \$5,428,600 | M |
| MS-0207 | Marina WWTP Demolition | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$883,300 | \$883,300 | E |
| | Subtotal | \$100,000 | \$60,000 | \$330,000 | \$60,000 | \$898,000 | \$654,000 | \$8,042,900 | \$10,144,900 | |

Category Legend

- E= CIP supports existing Infrastructure
- EDS= Eastern Distribution System (inland well-field)
- S= CIP supports a single parcel's or owner's project
- M= CIP supports projects for multiple parcels or owners

Marina Coast Water District

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| CIP No. | PROJECT DESCRIPTION | FY 2019-20 Estimated | FY 2020-21 Proposed | FY 2021-22 Proposed | FY 2022-23 Proposed | FY 2023-24 Proposed | FY 2024-25 Proposed | OUT YEARS | TOTAL | CATEGORY |
|------------------|--|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|----------|
| Ord Water | | | | | | | | | | |
| OW-0206 | Inter-Garrison Road Pipeline Up-Sizing | \$772,400 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$772,400 | M |
| OW-0193 | Imjin Parkway Pipeline, Reservation Rd to Abrams Drive | \$51,000 | \$800,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$851,000 | E |
| OW-0202 | South Boundary Road Pipeline | \$40,000 | \$2,660,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,700,000 | M |
| OW-0306 | D-Zone Booster Pump Replacement | \$0 | \$80,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$80,000 | E |
| OW-0201 | Gigling Transmission from D Booster to JM Blvd | \$0 | \$125,000 | \$785,000 | \$0 | \$0 | \$0 | \$0 | \$910,000 | E |
| OW-0204 | 2nd Ave Connection, Reindollar to Imjin Pkwy | \$0 | \$0 | \$1,215,000 | \$0 | \$0 | \$0 | \$0 | \$1,215,000 | E |
| OW-0230 | Wellfield Main 28 -Well 31 to Well 34 | \$0 | \$0 | \$170,000 | \$1,115,000 | \$0 | \$0 | \$0 | \$1,285,000 | E |
| OW-0127 | CSUMB Pipeline Up-Sizing -Commercial Fireflow | \$0 | \$0 | \$100,000 | \$198,000 | \$0 | \$0 | \$0 | \$298,000 | E |
| OW-0203 | 7th Avenue and Gigling Rd | \$0 | \$0 | \$0 | \$70,000 | \$200,000 | \$0 | \$0 | \$270,000 | E |
| OW-0129 | Rehabilitate Well 31 | \$0 | \$0 | \$0 | \$0 | \$1,710,000 | \$0 | \$0 | \$1,710,000 | E |
| OW-0211 | D-Zone pipeline in Eastside Parkway Alignment | \$0 | \$0 | \$0 | \$0 | \$420,000 | \$2,500,000 | \$0 | \$2,920,000 | M |
| OW-0209 | Pipeline Up-Sizing -between Dunes & MainGate | \$0 | \$0 | \$0 | \$0 | \$0 | \$300,000 | \$0 | \$300,000 | M |
| OW-0210 | Sand Tank Demolition | \$0 | \$0 | \$0 | \$0 | \$0 | \$540,000 | \$0 | \$540,000 | E |
| OW-0122 | Replace D & E Reservoir Off-Site Piping | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,100,000 | \$1,100,000 | E |
| OW-0167 | 2nd Ave extension to Gigling Rd | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$275,000 | \$275,000 | E |
| OW-0118 | B4" Zone Tank @ East Garrison " | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$3,100,000 | \$3,100,000 | S |
| OW-0212 | Reservoir D2" + D-BPS Up-Size " | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,000,000 | \$4,000,000 | E |
| OW-0208 | Pipeline Up-Sizing -to Stockade | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$710,000 | \$710,000 | S |
| OW-0214 | Imjin Road, 8th St. to Imjin Pkwy | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,100,000 | \$1,100,000 | E |
| OW-0121 | C2" to "B4" Pipeline and PRV Station " | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,410,000 | \$1,410,000 | S |
| OW-0171 | Eucalyptus Rd Pipeline | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,350,000 | \$2,350,000 | M |
| OW-0213 | Reservoir B4/B5 to East Garrison Pipeline | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$260,000 | \$260,000 | S |
| OW-0216 | UCMBEST Pipeline | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$762,500 | \$762,500 | S |
| OW-0217 | Reservation Road, Imjin to MBEST Drive | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$727,000 | \$727,000 | M |
| OW-0218 | Golf Boulevard Transmission Line | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,100,000 | \$1,100,000 | M |
| OW-0219 | B5" Zone Tank @ East Garrison " & Pipeline | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$3,600,000 | \$3,600,000 | S |
| OW-0231 | Wellfield Main 3A -Intergarrison to ASP Bldg | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$3,550,000 | \$3,550,000 | E |
| OW-0232A | Install Well 36 -Retire Well 29 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$3,000,000 | \$3,000,000 | E |
| OW-0232B | Wellfield Main 1B -between Wells 36 and 35 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$3,200,000 | \$3,200,000 | E |
| OW-0233 | Wellfield Main 1C (Parallel) Well 36 to ASP Bldg | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$3,750,000 | \$3,750,000 | M |
| OW-0234 | B-BPS at ASP Bldg | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,355,000 | \$1,355,000 | M |
| OW-0235 | Ord Well-head Disinfection | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,750,000 | \$2,750,000 | M |
| | Subtotal | \$863,400 | \$3,665,000 | \$2,270,000 | \$1,383,000 | \$2,330,000 | \$3,340,000 | \$38,099,500 | \$51,950,900 | |

Marina Coast Water District

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|------------------|---|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|----------|
| Ord Sewer | | | | | | | | | | |
| OS-0147 | Ord Village Sewer Pipeline & Lift Station Impr Project | \$96,000 | \$3,300,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$3,396,000 | E |
| OS-0205 | Imjin LS & Force Main Improvements-Phase 1 | \$125,000 | \$1,161,370 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,286,370 | M |
| OS-0152 | Hatten & Booker LS Improvements Project | \$137,000 | \$395,000 | \$0 | \$0 | \$0 | \$0 | \$400,000 | \$932,000 | E |
| OS-0203 | Gigling LS and FM Improvements | \$0 | \$2,125,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,125,000 | E |
| OS-0153 | Misc. Lift Station Improvements | \$0 | \$0 | \$170,000 | \$0 | \$424,000 | \$0 | \$0 | \$594,000 | E |
| OS-0154 | Del Rey Oaks-Collection System Planning | \$0 | \$0 | \$0 | \$70,000 | \$0 | \$0 | \$0 | \$70,000 | S |
| OS-0202 | Sewer Improvements-DRO | \$0 | \$0 | \$0 | \$502,454 | \$0 | \$0 | \$1,537,510 | \$2,039,964 | S |
| OS-0204 | CSUMB Developments | \$0 | \$0 | \$0 | \$625,000 | \$0 | \$0 | \$0 | \$625,000 | S |
| OS-0209 | Imjin LS & Force Main Improvements-Phase 2 | \$0 | \$0 | \$0 | \$0 | \$1,500,000 | \$0 | \$0 | \$1,500,000 | E |
| OS-0207 | Seaside Resort Sewer Imps. Project | \$0 | \$0 | \$0 | \$0 | \$330,000 | \$0 | \$0 | \$330,000 | S |
| OS-0215 | Demolish Ord Main Garrison WWTP | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,625,000 | \$0 | \$1,625,000 | E |
| OS-0148 | Marina Heights Sewer Pipeline Improvements Project | \$0 | \$0 | \$0 | \$0 | \$0 | \$830,000 | \$0 | \$830,000 | M |
| OS-0149 | Dunes Sewer Pipeline Replacement Projects | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$465,000 | \$465,000 | M |
| OS-0208 | Parker Flats Collection System | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$105,000 | \$105,000 | M |
| OS-0151 | Cypress Knolls Sewer Pipeline Improvements Project | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$100,000 | \$100,000 | S |
| OS-0150 | East Garrison Lift Station Improvements | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$550,000 | \$550,000 | E |
| OS-0206 | Fitch Park Sewer Improvements | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$127,071 | \$127,071 | S |
| OS-0210 | 1st Ave Sewer Pipeline Replacement Project | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$410,000 | \$410,000 | M |
| OS-0211 | Gen'l Jim Moore Sewer Pipeline Replacement Project | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$50,000 | \$50,000 | M |
| OS-0212 | Gen'l Jim Moore Sewer Pipeline Replacement Project III | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$185,000 | \$185,000 | M |
| OS-0214 | Intergarrison/8th Ave SS (for Eastside Pkwy developments) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,035,300 | \$1,035,300 | M |
| OS-0213 | MOW Capacity Buy-In Beyond 2.2 MGD | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$11,100,000 | \$11,100,000 | M |
| OS-0216 | Sewer Improvements-Seaside East | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,500,000 | \$6,500,000 | S |
| OS-0217 | Sewer Improvements-City of Monterey | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,400,000 | \$1,400,000 | S |
| | Subtotal | \$358,000 | \$6,981,370 | \$170,000 | \$1,197,454 | \$2,254,000 | \$2,455,000 | \$23,964,881 | \$37,380,705 | |

Category Legend

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- S= CIP supports a single parcel's or owner's project
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Marina Coast Water District

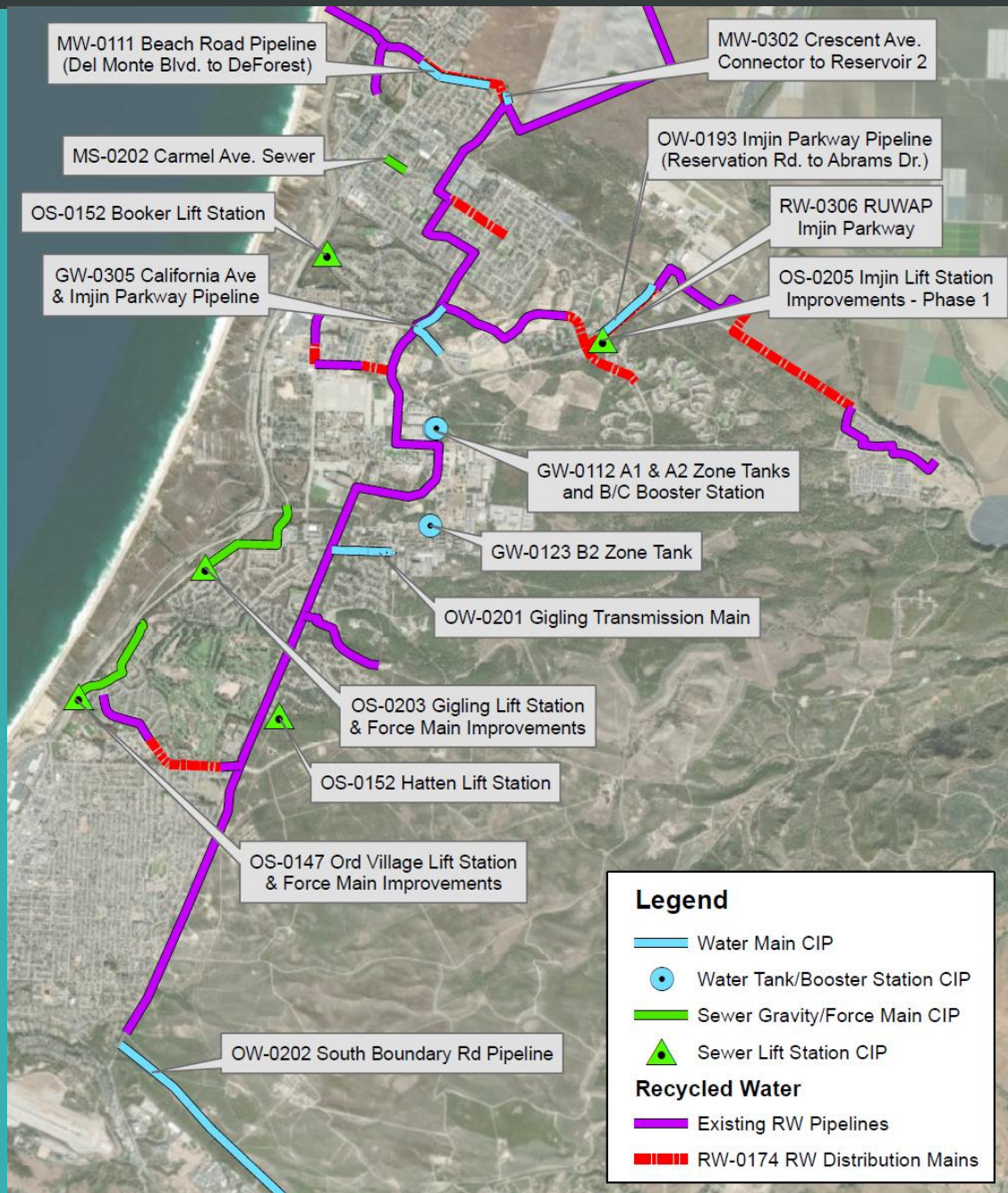
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|---|---|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|----------|
| General Water (32% Marina, 68% Ord) | | | | | | | | | | |
| GW-0112 | A1 & A2 Zone Tanks & B/C Booster Station | \$364,720 | \$6,695,000 | \$6,590,000 | \$0 | \$0 | \$0 | \$0 | \$13,649,720 | M |
| GW-0305 | California Ave & Imjin Pkwy Pipeline - Abrams to Marina Heights | \$0 | \$2,400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,400,000 | M |
| GW-0307 | Intertie Meter Replacement | \$0 | \$81,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$81,000 | E |
| GW-0123 | B2" Zone Tank @ CSUMB " | \$0 | \$140,000 | \$1,275,000 | \$1,000,000 | \$0 | \$0 | \$0 | \$2,415,000 | M |
| GW-0210 | Reservoir A3 (1.6 MG) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$3,470,000 | \$3,470,000 | M |
| GW-0231 | Install Well 37 -Retire well 12 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,250,000 | \$6,250,000 | EDS |
| GW-0232 | Install Well 38 -Retire well 10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,250,000 | \$6,250,000 | EDS |
| GW-0233 | A-BPS at ASP Bldg + Forebay Tank | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,670,000 | \$1,670,000 | EDS |
| GW-0234 | Install Well 39 -Retire Well 30 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,250,000 | \$6,250,000 | EDS |
| GW-0235 | B-BPS Expansion and Transmission to A1/A2 Tanks | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$13,100,000 | \$13,100,000 | EDS |
| GW-0236 | Install Well 40 -Retire Well 11 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,250,000 | \$6,250,000 | EDS |
| GW-0237 | Install Well 41 -Retire Well 31 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,250,000 | \$6,250,000 | EDS |
| | Subtotal | \$364,720 | \$9,316,000 | \$7,865,000 | \$1,000,000 | \$0 | \$0 | \$49,490,000 | \$68,035,720 | |
| General Sewer (35% Marina, 65% Ord) | | | | | | | | | | |
| GS-0201 | Del Monte/Reservation Road Sewer Main Improvements | \$0 | \$0 | \$275,000 | \$0 | \$0 | \$0 | \$0 | \$275,000 | E |
| | Subtotal | \$0 | \$0 | \$275,000 | \$0 | \$0 | \$0 | \$0 | \$275,000 | |
| Water District-Wide (25% MW, 7%MS, 54%OW, 14%OS) | | | | | | | | | | |
| WD-0106 | Corp Yard Demolition & Rehab | \$24,000 | \$520,000 | \$500,000 | \$0 | \$3,000,000 | \$0 | \$2,000,000 | \$6,044,000 | E |
| WD-0110 | Asset Management Program -Phase II | \$0 | \$0 | \$0 | \$250,000 | \$0 | \$0 | \$0 | \$250,000 | E |
| WD-0110A | Asset Management Program --Phase III | \$0 | \$0 | \$0 | \$0 | \$0 | \$250,000 | \$0 | \$250,000 | E |
| WD-0308 | Emergency Generator Project | \$1,500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,500,000 | E |
| WD-0309 | Human Machine Interface (HMI) Pump Station Installation | \$0 | \$325,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$325,000 | E |
| WD-0115A | SCADA System Improvements (Security + RD integration) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$410,000 | \$410,000 | E |
| | Subtotal | \$1,524,000 | \$845,000 | \$500,000 | \$250,000 | \$3,000,000 | \$250,000 | \$2,410,000 | \$8,779,000 | |

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|---------|---|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------|---------------------|----------|
| | Water Augmentation | | | | | | | | | |
| RW-0156 | RUWAP - Transmission Main & Reservoir | \$10,510,327 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$10,510,327 | |
| RW-0306 | RUWAP - Imjin Parkway Reservation Rd. to Abrams Dr. | \$50,000 | \$885,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$935,000 | |
| RW-0174 | RUWAP - Distribution System | \$200,000 | \$11,239,582 | \$0 | \$0 | \$0 | \$0 | \$0 | \$11,439,582 | |
| | Subtotal | \$10,760,327 | \$12,124,582 | \$0 | \$0 | \$0 | \$0 | \$0 | \$22,884,909 | |



**MARINA COAST WATER DISTRICT
CAPITAL IMPROVEMENT PROJECT BUDGET FOR FY 2019-2020**

| Project No. | Project Name | Amount | |
|---------------|---|----------------------|---------------------------|
| MW-0111 | Beach Road Pipeline | \$ 454,815 | existing |
| MW-0302 | Crescent Ave Connector to Reservoir 2 | \$ 196,000 | existing |
| MS-0202 | Carmel Ave Sewer Main Improvement Project | \$ 60,000 | existing |
| OW-0193 | Imjin Parkway Pipeline, Resv. Rd to Abrams Dr | \$ 800,000 | existing |
| OW-0202 | South Boundary Road Pipeline | \$ 2,660,000 | DRO and Monterey |
| OW-0306 | D-Zone Booster Pump Replacement | \$ 80,000 | existing |
| OW-0201 | Gigling Transmission from D Booster to GJM Blvd | \$ 125,000 | existing |
| OS-0147 | Ord Village LS & Force Main Improvements | \$ 3,300,000 | existing |
| OS-0205 | Imjin Lift Station Improvements - Phase 1 | \$ 1,161,370 | East Garrison and UCMBEST |
| OS-0152 | Hatten & Booker LS Improvements | \$ 395,000 | existing |
| OS-0203 | Gigling Lift Station and Force Main Improvements | \$ 2,125,000 | existing |
| GW-0112 | A1 & A2 Zone Tanks & B/C Booster Station | \$ 6,695,000 | Ord & Marina |
| GW-0305 | Calif. Ave & Imjin Pkwy Pipeline - Abrams to Marina Heights | \$ 2,400,000 | Ord & Marina |
| GW-0307 | Intertie Meter Replacement | \$ 81,000 | existing |
| GW-0123 | B2" Zone Tanks @CSUMB " | \$ 140,000 | Ord & Marina |
| WD-0106 | Ord Remodel, Demolition and Rehab | \$ 520,000 | existing - District Wide |
| RW-0306 | RUWAP - Imjin Pkwy Reservation Rd to Abrams Dr | \$ 885,000 | Ord |
| RW-0174 | RUWAP - Distribution System | \$ 11,239,582 | SRF |
| RD-0101 | Regional Desal | \$ - | |
| Total: | | \$ 33,317,767 | |