



CITY OF MORRO BAY PUBLIC WORKS ADVISORY BOARD (PWAB) AGENDA

The City of Morro Bay provides essential public services and infrastructure to maintain a safe, clean and healthy place for residents and visitors to live, work and play.

NOTICE OF SPECIAL MEETING **Monday, November 9, 2020 – 5:30 P.M.** **Held Via Teleconference**

ESTABLISH QUORUM AND CALL TO ORDER

PUBLIC COMMENT FOR ITEMS ON THE AGENDA

Pursuant to Section 3 of Executive Order N-29-20, issued by Governor Newsom on March 17, 2020, this Meeting will be conducted telephonically through Zoom and broadcast live on Cable Channel 20 and streamed on the City website (click [here](#) to view). Please be advised that pursuant to the Executive Order, and to ensure the health and safety of the public by limiting human contact that could spread the COVID-19 virus, the Veterans' Hall will not be open for the meeting.

Public Participation:

In order to prevent and mitigate the effects of the COVID-19 pandemic, and limit potential spread within the City of Morro Bay, in accordance with Executive Order N-29-20, the City will not make available a physical location from which members of the public may observe the meeting and offer public comment. Remote public participation is allowed in the following ways:

- Community members are encouraged to submit agenda correspondence in advance of the meeting via email to the Public Works' office at PWAB@morrobayca.gov prior to the meeting and will be published on the City website with a final update one hour prior to the meeting start time. Agenda correspondence received less than an hour before the meeting start time may not be posted until after the meeting.
- Members of the public may watch the meeting either on cable Channel 20 or as streamed on the City [website](#).
- Alternatively, members of the public may watch the meeting and speak during general Public Comment or on a specific agenda item by logging in to the Zoom webinar using the information provided below. Please use the "**raise hand**" feature to indicate your desire to provide public comment. Each speaker will be allowed three minutes to provide input.

Please click the link below to join the webinar:

- <https://us02web.zoom.us/j/82722747698?pwd=aWZpTzcxTHIRtk9xaTlmWVNWRFUQT09>
Password: 135692
- Or Telephone Attendee: (408) 638-0968 or (669) 900 6833 or (346) 248 7799; Webinar ID: 827 2274 7698; Password: 135692; Press * 9 to "**Raise Hand**" for Public Comment

SPECIAL MEETING AGENDA ITEM:

- I. APPROVAL OF MINUTES FOR THE AUGUST 19, 2020 PUBLIC WORKS ADVISORY BOARD REGULAR MEETING

RECOMMENDATION: Approve as submitted.

- II. APPROVAL OF MINUTES FOR THE SEPTEMBER 16, 2020 PUBLIC WORKS ADVISORY BOARD REGULAR MEETING

RECOMMENDATION: Approve as submitted.

- III. DIRECTORS REPORT - INFORMATIONAL SUMMARY OF CURRENT PUBLIC WORKS ACTIVITIES

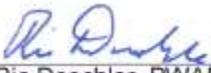
RECOMMENDATION: No action.

- IV. REVIEW OF POTENTIAL CHANGE ORDERS (PCO) FOR THE WATER RECLAMATION FACILITY

RECOMMENDATION: Staff recommends the Board provide input regarding the potential change orders for the Water Reclamation Facility (WRF).

ADJOURNMENT

Dated: November 5, 2020



Ric Deschler, PWAB Chair

IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, IF YOU NEED SPECIAL ASSISTANCE TO PARTICIPATE IN A CITY MEETING, PLEASE CONTACT THE CITY CLERK'S OFFICE AT LEAST 24 HOURS PRIOR TO THE MEETING TO INSURE REASONABLE ARRANGEMENTS CAN BE MADE TO PROVIDE ACCESSIBILITY TO THE MEETING.

AGENDA ITEM: I _____
DATE: <u>November 9, 2020</u>
ACTION: _____

The Public Works Advisory Board conducted this meeting in accordance with Section 3 of California Governor Newsom’s Executive Order N-29-20 issued on March 17, 2020 in response to the present State of Emergency in existence due to the threat of COVID-19. This meeting was held via teleconference for all participants.

- | | | |
|----------|--|--|
| PRESENT: | Ric Deschler
Janith Goldman
Doug Rogers
Torrey Byles
Chris Erlendson
John Erwin | Chair
Vice Chair
Board Member
Board Member
Board Member
Board Member |
| STAFF: | Jennifer Callaway
Rob Livick
Janeen Burlingame
Damaris Hanson
Joe Mueller
Matt Bishop | Acting Public Works Director
City Engineer
Management Analyst
Environmental Program Manager
Utilities Division Manager
Consolidated Maintenance Lead Supervisor |

ESTABLISH QUORUM, CALL TO ORDER
The meeting was called to order at 5:30 P.M. with all Board Members in attendance.

MOMENT OF SILENCE
PLEDGE OF ALLEGIANCE

ANNOUNCEMENTS
<https://youtu.be/5YXSb8WBOEk?t=61>

PRESENTATIONS – None

PUBLIC COMMENT
<https://youtu.be/5YXSb8WBOEk?t=95>

The public comment period was opened, and seeing none, the public comment period was closed.

A. CONSENT AGENDA
<https://youtu.be/5YXSb8WBOEk?t=208>

A-1 APPROVAL OF MINUTES FOR THE JUNE 17, 2020 PUBLIC WORKS ADVISORY BOARD
REGULAR MEETING

The public comment period was opened, and seeing none, the public comment period was closed.

MOTION: Janith Goldman moved to approve Item A-1. The motion was seconded by Chris Erlendson and carried 6-0-0 unanimously by roll call vote.

B. BUSINESS ITEMS

B-1 DIRECTOR’S REPORT
<https://youtu.be/5YXSb8WBOEk?t=376>

Rob Livick presented the Director’s Report.

Discussion, comments and questions amongst Board members and staff.

B-2 WATER RECLAMATION FACILITY (WRF) PROJECT HYDROGEOLOGIC REPORT
(CHARACTERIZATION AND SELECTION OF PROJECT AREA- JUNE 2020)
<https://youtu.be/5YXSb8WBOEk?t=1435>

The public comment period was opened with one caller asking a question to the Board, then closed.

B-3 SEWER USE ORDINANCE REVISIONS- Morro Bay Municipal Code Chapter 13.12
<https://youtu.be/5YXSb8WBOEk?t=5220>

Discussion, comments and questions amongst Board members and staff.

The public comment period was opened with one caller asking a question to the Board, then closed.

Discussion, comments, and questions continued amongst Board members and staff.

C FUTURE AGENDA ITEMS
<https://youtu.be/5YXSb8WBOEk?t=7868>

MOTION: Janith Goldman moved to approve Item C. The motion was seconded by John Erwin and carried 6-0-0 unanimously by roll call vote.

ADJOURNMENT

The meeting adjourned at 7:49 P.M.

Recorded by:

Amy Mills
Office Assistant

The Public Works Advisory Board conducted this meeting in accordance with Section 3 of California Governor Newsom’s Executive Order N-29-20 issued on March 17, 2020 in response to the present State of Emergency in existence due to the threat of COVID-19. This meeting was held via teleconference for all participants.

- | | | |
|----------|--|--|
| PRESENT: | Ric Deschler
Janith Goldman
Doug Rogers
Torrey Byles
John Erwin | Chair
Vice Chair
Board Member
Board Member
Board Member |
| ABSENT: | Chris Erlendson | Board Member |
| STAFF: | Jennifer Callaway
Rob Livick
Janeen Burlingame
Damaris Hanson
Joe Mueller
Matt Bishop | Acting Public Works Director
City Engineer
Management Analyst
Environmental Program Manager
Utilities Division Manager
Consolidated Maintenance Lead Supervisor |

ESTABLISH QUORUM, CALL TO ORDER

The meeting was called to order at 5:30 P.M. with all Board members, except for Chris Erlendson, in attendance.

MOMENT OF SILENCE

ANNOUNCEMENTS - None
PRESENTATIONS – None

PUBLIC COMMENT

<https://youtu.be/BFg-fMF63fg?t=45>

The public comment period was opened, and seeing none, the public comment period was closed.

A. **CONSENT AGENDA** - None

B. **BUSINESS ITEMS**

B-1 **DIRECTOR’S REPORT**

<https://youtu.be/BFg-fMF63fg?t=3796>

Jennifer Callaway presented the Director’s Report.

Discussion, comments and questions amongst Board members and staff.

The public comment period was opened, and seeing none, the public comment period was closed.

B-2 **REVIEW OF UPDATED PAVEMENT MANAGEMENT PLAN PLANNING DOCUMENT**

<https://youtu.be/5YXSb8WBOEk?t=1435>

Rob Livick presented the staff report.

Discussion, comments and questions amongst Board members and staff.

The public comment period was opened with one caller asking a question to the Board, then closed.

Discussion, comments, and questions continued amongst Board members and staff.

C. BOARD MEMBERS CONCERNS AND INTEREST

<https://youtu.be/BFq-fMF63fg?t=8278>

Chair Ric Deschler introduced the item, stating in the past Council would hold joint meetings with its various Advisory Boards to discuss Board concerns and interests, noting it later morphed into a meeting with just the Board Chair, and now no longer have that meeting. Deschler stated wanted to add item to the agenda, with no action taken, where the Board could express its concerns and interests to staff.

Board member Doug Rogers reminded the Board of his comments at a previous meeting about the seagulls with trash, wayfaring signs, and work plan, also asking what we are going to do about homeless people. Rogers stated would advocate for having Council sit down with Chair again as had been done in the past, noting communication between the Board and staff has been great.

Board member Janith Goldman stated she is on a lot of committees and boards and feels a lot of things are being said but seeing them carried out is not always as easy as she would like it to be.

Board member John Erwin stated he would like to see a road improvement wish list and capital improvement plan, noting he would like to add pedestrian bridges over Toro Creek and Avila Paul creek to a wish list.

Board member Torrey Byles concurred with comments from Board members Rogers, Goldman, and Chair Deschler, noting concern it feels like sometimes the Board is in its silo and the City Council is in its own silo, wishing for better communication.

Chair Ric Deschler expressed interest, when have staff time and ability, to see a focus on waste in general, particularly recycling and garbage education to the public.

Board member Torrey Byles concurred with comments from Chair Ric Deschler.

Jennifer Callaway addressed comments about communication between the Council and Board, noting other items not typically talked about could be brought to the Council goals setting session to tie work items to Council identified goals for staff as we move forward.

D. FUTURE AGENDA ITEMS

<https://youtu.be/BFq-fMF63fg?t=9341>

Rob Livick noted the next set of potential change orders that would be going to Council would be reviewed by the Board.

E. ADJOURNMENT

The meeting adjourned at 8:08 P.M.

Recorded by:

Janeen Burlingame
Management Analyst



AGENDA NO: III

MEETING DATE: November 9, 2020

MEMORANDUM

TO: Public Works Advisory Board
CC: City Manager
DATE: November 4, 2020
FROM: Joe Mueller - Acting Public Works Director

SUBJECT: Director's Report / Information Items

Please contact the individual staff members prior to the meeting for more detailed information.

Notify Me: Sign up for Notify Me on the City's Website www.morrobayca.gov/notifyme to be notified by email when Council, Board's and Commission's agendas and minutes are posted on the website.

Service Requests: Citizens can report a concern to the City for predetermined issues without the need to phone the City during business hours (for example: reporting a pothole) by using a feature on the City's website, Service Requests www.morrobayca.gov/905/Service-Requests, or the mobile App (available on both Android and IOS operating systems).

Staff can also add Service Requests for someone over the phone or in the office if they do not have access to a computer. Each category in Service Requests is assigned to the appropriate staff member to handle so citizens don't have to figure out what department to contact for an issue they need to report on.

CONSOLIDATED MAINTENANCE

Staff Contact: Matt Bishop

Streets

- Large skin patch repairs made with 4 tons of Hot Mix Asphalt at intersection of Greenwood/Paula.
- Skin patch repairs made with 4 tons of Hot Mix Asphalt at 5 different locations on the 200 blk. of Andros, 1 at the 400 blk. of Jamaica, and 1 at the 3000 blk. of Panorama.
- Patch back Utility division repairs with 4 tons of Hot Mix Asphalt at the 500 blk. of Monterey, 800 blk. of Olive, 400 blk. of Morro, and the 400 blk. of Market.
- Patch Utility repairs with 1.5 tons of Hot Mix Asphalt at the Lila Keiser bike path, skin patch repair made with 1 ton of HMA at the Lila K. parking lot, large berm repair made with 1.5 tons on the 200 blk. of Palm.
- Large skin patch and berm repairs made with 4 tons of Hot Mix Asphalt on the 500 blk. of Morro.
- Vacuumed and cleaned out all required storm drains around town in preparation for the rainy season.
- Removed a portion of the sidewalk, enlarging tree well at the 2200 blk. of Main due to uplifting caused by tree roots.

Trees/Vegetation

- Trim and lifted canopies on several trees around town out of the ROW's and for hazard reduction.
- Weed abatement in City tree wells, ROW's, parking lots, pedestrian paths from footbridge to Rock.
- Cleared vegetation from the bike lane along the West side of Main St. from Hwy 41 to Yerba Buena.



Main St. vegetation clearing



Main St. vegetation clearing



CONSOLIDATED
MAINTENANCE
Staff Contact:
Matt Bishop

Hot mix asphalt skin
patch repairs





CONSOLIDATED MAINTENANCE

Staff Contact: Matt Bishop

- Hot mix asphalt skin patch repairs
- Patch repairs after Utility Division work
- Berm repair
- Vacuuming and clearing out storm drains

CONSOLIDATED MAINTENANCE

Staff Contact: Matt Bishop

Parks

- **Del Mar**
 - Replaced 2 corroded fittings and a pressure reducer on the backflow prevention assembly.
 - Filled in concrete slab gaps in the Hilltop picnic area with mortar mix.
 - Planted young Redwood tree in the Del Mar Redwood grove. We would like to thank Erica Maluski for donating this tree to the City and helping with planting it in its new home. Thank you Erica!
- **City Park**
 - Replaced broken sink faucet at the restrooms due to vandalism.
 - Power snaked sewer lateral to unclog pipe in Women's restroom.
- **Tidelands**
 - Rebuilt faulty sink faucet in Men's restroom with re-purposed parts.
- **Lila Keiser**
 - Replaced broken irrigation valve on station 20.
- **Bayshore Bluffs**
 - Filled in and compacted 6-8" pads of red rock around benches.
- **Centennial**
 - Re-roped flagpole with new cable rope and hardware.
- **Monte Young**
 - Re-installed wind screen at the West side of the tennis courts from fence repair.



Planting donated tree

CONSOLIDATED MAINTENANCE

Staff Contact: Matt Bishop

Facilities

- **Public Works**
 - Moved and re-purposed office pre-hung door for security improvements. Custom cut, paint, and install all new door jamb and casing to finish rough opening.
 - Removed old shrubs on the South side of building, re-landscaped and repaired irrigation.
- **Community Center**
 - Installed new retrofit sensor battery packs for both urinals in the Men's restroom.
 - Added and spread wood chips in parking lot landscape planters.
 - Installed carpet tiles, cove base, door closures, re-keyed and re-programmed Senior door lock, and secured the Senior roll down safety panel.
- **MBFD**
 - Replaced and adjusted belt on ventilation fan for the SCBA room.
 - Installed new electronic igniter on stove top to replace broken one.
 - Installed junction box and electrical circuit to power new storage fuel tank electric pump.
 - Layout and installed 3 steel safety bollards, filled and mounted in concrete footings to protect fuel tank. Primmed and painted yellow.
 - Installed 3 new electrical circuits in server and evidence room including conduit, wire, breakers, and outlets.
- **695 Harbor**
 - Re-programmed front door keypad entry for everyone utilizing building after security breach.
- **714 Embarcadero**
 - Installed new LED outdoor security light fixture.
- **Harbor Restrooms**
 - Repaired faulty coin op shower valve with new cartridge and lube solenoid parts assembly.
- **Rock Restrooms**
 - Installed aluminum plate under hand dryer in Men's RR for cleanliness.

Cloisters

- Installed new hand dryer at restrooms to replace old broken one.
- Replaced irrigation isolation valves on stations 31 and 35 that were leaking.
- Replaced 7 old and cracked irrigation box lids in planter and main lawn areas.
- Repaired broken irrigation in the parkways at the 2200 blk. of Coral.



MBFD bollards and electrical circuit/junction box installation

MORRO BAY TRANSIT ~ ESSENTIAL TRAVEL TIPS

Do your part to create a healthier travel environment
and help stop the spread of COVID-19



Keep your distance.
Stagger seating & spread
out as much as possible.



Wear face covering.
Cover mouth, nose,
and chin.



Don't touch surfaces.
(handrails, seat backs, etc.)



**Wash hands before &
after riding the bus.**
20 seconds with soap
& water or use hand
sanitizer if you have
no access to water.



**Use a tissue if you need
to touch surfaces.**
(handrails, seat backs, etc.)



TRANSIT AND TROLLEY

Staff Contact: Janeen Burlingame

- Submitted \$105,064 CARES 5311 Phase 1 reimbursement for Transit for transit operating costs between February through June. Will work with SLOCOG on possible Phase 2 CARES funding as development of that process is completed.
- Continued with submitting weekly COVID-19 reporting of ridership and fare information to the State.
- Continued working with auditors on the annual Transportation Development Act audit.
- Submitted the FY19/20 4th quarter Transit and Trolley report to SLOCOG and began developing the FY20/21 1st quarter report to submit later in November.
- Annual CHP inspection of Transit vehicles and terminal records completed and received our Annual Transit Operator Compliance Certificate.
- Began developing engineering design work RFP for City Park Transit Hub project.
- Began preparing Transportation Development Act (TDA) claim for submission to SLOCOG.
- Began work on bus stop signage and route information display cases replacement project
- Began work on Trolley replacement project

WATER – OPERATIONS

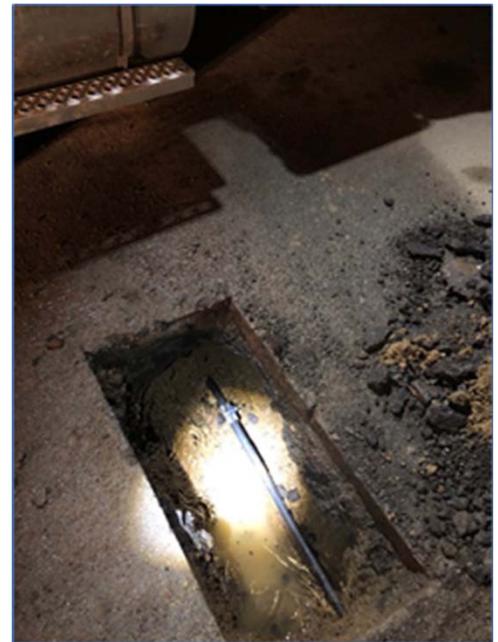
Staff Contacts: Joe Mueller
Damaris Hanson

Operations and Maintenance September 2020

- Exercised 29 mainline water valves throughout the city.
- Responded to 11 after-hour callouts:
 - 1387 Main – water leak bike path
 - 365 & 375 Surf – low water pressure
 - 2637 Laurel – service line leak
 - Kings Tank East – high alarm
 - Kings Tank West – low alarm
 - 1320 Main – water leak
 - 1409 Teresa – service line leak
 - 220 Shasta – irrigation runoff
 - 451 Jamaica – service line water leak
 - Elena, Beach, Marina & Dogwood – emergency turn-ons
 - 184 Tahiti – emergency turn-on
- Performed 19 water service turn-offs and 41 water service turn-ons.
- Replaced 7 water meters throughout town.
- Installed 5 new water service lines
- Investigated distribution issues ranging from meter re-reads, meter high reads, pressure issues, and water quality concerns.
- Vacuumed sediment from meter boxes
- Replaced curb stop and water meter at 470 Kodiak.
- Toured the new WRF construction project.
- Hot tap 8-inch AC line at the entrance to the new WRF.
- Replaced leaky curb stop at 1050 Las Tunas.
- Located water distribution assets using GPS equipment.
- Alpha Electric troubleshooted H.S. well #1 ‘hand’ operation rewired polarity for proper motor rotation.
- Flushed product line to Kings tanks to raise chlorine residual prior to sending water from RO plant to Kings tanks.

Submitted reports to the State, [electronically](#): No Violations

- September 2020 Monthly Monitoring Report
- September 2020 Monthly Water Rights Extraction Report
- September 2020 Monthly Water Conservation Report



WASTEWATER – COLLECTIONS

Staff Contacts: Joe Mueller

John Gunderlock

Operations and Maintenance September 2020:

- Hydro cleaned approximately 27,674 feet of city main line.
- Video inspected (CCTV) 1,848 feet of gravity main line.
- On-call staff received 4 afterhours callouts;
 - Call for an odor complaint near the bike path by the powerplant.
 - Call out for a Sewer System Overflow (SSO) near Hwy 42 and Ironwood. City crews responded cleared the blockage and mitigated the effects of the spill. The spill was the lowest rated category 3. Estimated spill volume 130 gallons which was contained and did not make its way to a storm drain or water way.
 - Lift Station #2 Pump #3 overcurrent, pump was reset and tested for proper operation.
 - Private sewer lateral overflow near 1225 Main St, Cleaned up spill in the city right of way, and notified property manager.
- Sampled pH levels at Mission Linen.
- Performed 2 restaurant source control inspections for Fats, Oils and Grease (FOG).
- Tested Lift Station Generators and alarms for failures, while testing at Lift Station #1 a failure occurred and the station no longer functioned as needed troubleshooting the control system found a protection relay had failed, relay replaced, and controls tested.
- Performed Lift Station maintenance: exercising plug and gate valves, washed and waxed generators.
- Raised a manhole lid in a backyard easement that was below grade and would fill with dirt and water runoff.
- Assisted with the Vac truck to expose a water main leak on Laurel St.
- Staff Initiated and / or Received 3 Service Request:
 - Resident called in a Service Request for a Sewer leak coming up in a yard. Crews investigated and determined that it is a PLSD (Private Lateral Sanitary Discharge) from a shared lateral between residents. Crews contacted all parties involved with the ownership of the lateral to start the discussion to relieve the problem.
 - Noisy manhole lid rattling when driven over. A work order was created, and the lid was silenced
 - Request to inspect an area near Orcas and Beachcomber for water that is running from the ground and flowing into a storm drain. The Investigation is still ongoing to determine if it is ground water or potable water.



Manhole raising to grade



Lift station Maintenance

WASTEWATER – TREATMENT

Staff Contacts: Joe Mueller
John Gunderlock

Operation & Maintenance September 2020

- Flow for the month of September averaged 1.084 Million Gallons per Day (MGD) and totaled 32.519 million gallons.
- 0.10 inches of precipitation was recorded in the month of September.
- Responded to one after hour callout in September for plant chlorine adjustments.
- Tested all plant alarms.
- Ran emergency generator for monthly inspections.
- Updated utilities safety training matrix.
- Drove the solar drying beds with front-end loader to speed drying time.
- Moved dried sludge from drying beds to sludge storage area and cleaned gates.
- Performed daily electrical conductivity (EC) and total dissolved solids (TDS) testing at the grit chamber and secondary clarifier.
- Cleaned solar sludge drying bed gates.
- Sprayed weed throughout the facility.
- Replaced primary sludge pump #2 check balls.
- Cleared drain on biofilter pump #1.
- Repaired knife valve handle on WAS pump #2.
- Replaced roof vent on MCC room.
- Repaired broken sludge judge.
- Setup flowmeters, composite samplers and EC probes at six locations in the collections system to monitor salinity.
- De-ragged primary sludge pump #1.
- Performed routine monthly equipment work orders.
- Performed Bromide testing on secondary effluent twice a week.
- Flushed digester #3 j-box due to random plugging.

Utilities Staff attended the following training:

- In-house briefings to address Covid-19 social distancing and safety precautions
- Laboratory chlorine residual testing and meter calibration
- Respiratory Protection (CJPIA) safety video – Use & Compliance
- Accident Investigation (CJPIA) safety video & SDS review

Submitted reports to the State, [electronically](#):

- September 2020 Monthly Discharge-Monitoring Report (eDMR)
- September 2020 Monthly Self-Monitoring Report (eSMR)



Salinity monitoring in the collections system

ENGINEERING/CAPITAL PROJECTS – No Substantial Changes

Staff Contact: Rob Livick

Highway 41/Main/Highway 1

- Project construction is still financially constrained
- The City Council authorized submission of an \$3.75M Active Transportation Program (ATP) grant application for the project
- Staff completed and submitted the grant application by the September 15, 2020 deadline
- Contract completed with GHD formerly Omni-Means to complete Pre-Design and Environmental Determination on track for December 2020
- Working with City's funding partners the San Luis Obispo Council of Governments (SLOCOG) & Caltrans on funding and design options

Pavement Management

- No major maintenance work in FY 2019/20 and perhaps not 2020/21 depending on revenue.
- Pavement Management Plan Update on current agenda

Water System Improvements – Nutmeg Pressure Zone Fire Flow Improvements

- Design of various components underway
- Preparation of the environmental document has begun. The document is for compliance with the California Environmental Quality Act (CEQA) and will be heard at the City's Planning commission later this fall.
- This phase of the project will bring the project to 30-percent design, complete the CEQA determination and permitting through the County and City; and property acquisition.

Collection System Repairs – Beachcomber, Main Street and Atascadero Road Sewer Main R/R

- Design alternative are being prepared, ie moving sewer mains into the street vs in place replacement in the existing back/side yard easements
- Design to be complete Spring 2021
- Construction proposed for Summer/Fall 2021

Misc. Small CIPs

- North Point Parking Lot: Project canceled due lack of funds available in the assessment district accumulation. Work will be performed by the Homeowners Association
- Boat Rinse Off WQ/Tidelands Pocket Park: Substantially Complete
- Bocce Ball/Greenhouse on Shasta and Dunes: "Volunteer in conjunction with City Staff. On hold until after COVID restrictions. City Reassessing use and potential sale of the property

Cloisters Landscaping Improvements – Landscape Plan and Installation

- Median replanting and irrigation rehab work is substantially complete

Sequoia Storm Drain Repair/Replacement

- No change
- Awaiting resource availability to commence project

Laurel Easement Storm Drain Repair

- 1950's vintage CMP storm drain leaking and caused erosion and exposed sewer main
- No change
- Awaiting resource availability to commence project

Adopted Operating and Capital Improvement Program is online at: [Adopted FY2020/21 Budget](#)

ENGINEERING/DEVELOPMENT REVIEW

Staff Contact: Rob Livick

Staff is working on the following projects:

- 405 Atascadero, 35-unit multi-family low income housing: In Plan check
- 535 Atascadero, Parcel Map (MB 15-0103) with Public Improvements: In Plan check and Map Check
- Paula/Ironwood two lot subdivision (675 Paula St.): Map Check
- Harborview Hotel/Commercial (205 Harbor St.): Planning Review
- Hotel Development – (295 Atascadero Road) NW corner Atascadero Road West and Highway 1: In Plan check
- Sonic Restaurant – (1840 Main St.) Main and Highway 41: In Plan check – Permit Extended to March 2021
- Rose's Landing Upstairs (725 Embarcadero) 10-Room Hotel: Under Construction
- US Coast Guard Addition (1275 Embarcadero): Pending Construction
- Morro Bay Landing (1215 Embarcadero): Complete
- Three Stacks and a Rock Brewery at Former Aquarium Building (595 Embarcadero): In Plan check
- Rhapsody In View (2790 Main St.), 8-Room Hotel : In Plan check
- Residential remodels and construction: 18 Projects reviewed in September and 19 in October
- Encroachment Permits Issued: 20 total in September and 19 total in October

WASTEWATER – NEW WRF

Staff Contact: Rob Livick

- Discussion of Proposed Change Orders on this PWAB Agenda
- Work continues in accordance with City Council direction.
- Additional Information at <http://morrobaywrf.com/>
 - [Factsheet](#)
 - [Dashboard](#)



Program Summary

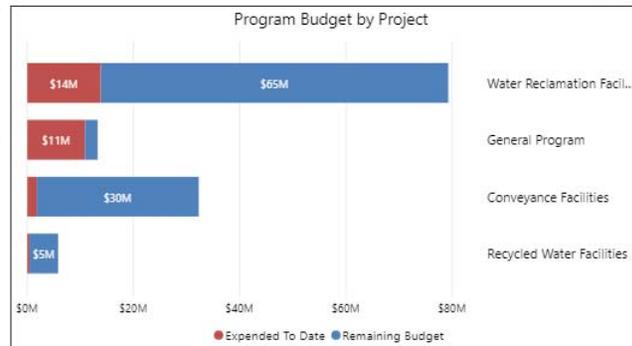
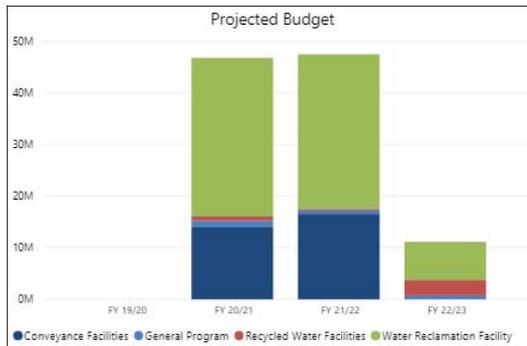
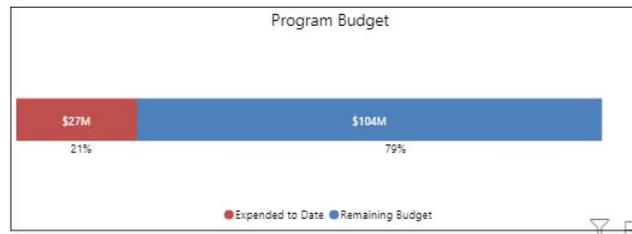
Last Updated:
8/6/2020

\$130.7M

Total Program Budget

\$103.6M

Remaining Program Budget





AGENDA NO: IV

MEETING DATE: November 09, 2020

Staff Report

TO: Public Works Advisory Board **DATE: November 03, 2020**

FROM: Eric Casares, PE – WRF Program Manager (Carollo)
Joe Mueller – Interim Public Works Director
Rob Livick, PE/PLS – City Engineer

SUBJECT: Water Reclamation Facility (WRF) Project Review of Potential Change Orders

RECOMMENDATION

Staff recommends the Public Works Advisory Board (Board) provide input regarding the twelve (12) potential change orders for the Water Reclamation Facility (WRF) with a total value of \$835,097.

FISCAL IMPACT

The total cost for the twelve (12) PCOs for the WRF facility is \$835,097. If all the PCOs are approved, then the guaranteed maximum price for the WRF facility component of the overall project would increase from \$74,926,725 to \$75,761,822. This total cost for the PCOs reduces the existing contingency for the WRF from \$1,449,120 to \$614,023.

BACKGROUND

At the October 23, 2018, City Council meeting, a contract was awarded to the Filanc/Black & Veatch Team (DB team) in the amount of \$67,234,512 (DB Agreement). The contract is structured as a guaranteed maximum price (GMP). Therefore, the DB team committed to delivering the work specifically identified in the contract for a cost not to exceed \$67,234,512. The contract award was the culmination of a year-long competitive procurement that began with the advertisement of a request for qualifications (RFQ) on October 27, 2017. The scope of work (i.e., Exhibit B) included in the contract is the same as the scope of work included in the DB team's original proposal received by the City on May 08, 2018. A summary of the original contract value and the three (3) previous amendments are presented in the table below:

Amendment No.	Contract Value	Amendment
-	\$67,234,512	-
1	\$68,870,571	\$1,636,059
2	\$68,934,508	\$63,937
3	\$74,926,725	\$5,992,217
4 (Proposed)	\$75,761,822	\$835,097

The DB team is responsible for design of the WRF facility (and not the other two components of the overall project – conveyance and injection well systems). Per the DB agreement, the design has progressed and been presented to the City over the course of the following design deliverables:

Prepared By: EC

Dept Review: RL

City Manager Review: SC

City Attorney Review: _____

- Basis of Design Report/30 Percent Submittal
- 60 Percent Design Submittal
- 90 Percent Design Submittal
- Issues for Construction (IFC) Submittal

Since the DB agreement was executed, the DB team has been advancing the design concept that was included in their proposal. This refinement is captured in the Draft Basis of Design Report (BDR) and 30 Percent Design Submittal, 60 Percent Design Submittal, and 90 Percent Design Submittal and the IFC Submittal. The design has effectively been completed and construction began on March 20, 2020.

At this time, the City has identified a total of twelve (12) PCOs that include a cost impact to the DB Agreement for consideration by the City Council. The detail for each of the PCOs is included in Attachment 1. The table below summarizes the PCOs currently being considered. Approval of the PCO's would increase the GMP.

PCO No.	Description	Cost Impact (Increase/Decrease)	Final PCO Cost	Primary Rationale
30	Match Sludge Blowers to MBR Scour Blowers	Increase	\$17,426	Improved Operations
71	CDFW Site Access Restrictions	Increase	\$254,443	Environmental Constraints
72	Owner Trailer Utility Hook Ups	Increase	\$19,593	Changing Conditions
73	Man Gates in Perimeter Fence	Increase	\$27,031	Improved Operations
74	Parking Canopy Electrical Receptacles	Increase	\$42,346	Improved Operations
75	Security Window at Admin Building	Increase	\$11,079	Operator Safety
76	Additional Sodium Bisulfite Pump	Increase	\$58,243	Reliability and Redundancy
78	Changed Condition - Soil Slip	Increase	\$280,013	Changing Conditions
79	Modify Water and Collection System Supply Shed	Increase	\$10,847	Improved Operations
82	SCADA Uniformity	Increase	\$108,887	Improved Operations
86	Water Shut Off Valve in Theresa Road	Increase	\$5,189	Changing Conditions
Total			\$835,097	

The primary rationale for the need for each PCO can be attributed to the following:

- **Environmental Impacts (California Department of Fish and Wildlife Delay)** – The City has been working with the California Department of Fish and Wildlife (CDFW) since 2019 and was steadfast in their assessment that the erosional feature on the WRF site was not jurisdictional. Following submittal of the notification and additional analysis in spring 2020, the City ultimately received a streambed alteration agreement (SAA) in July 2020. As a result, the DB team was prevented from accessing the erosional feature area of the site for several months. Through close coordination with the City and WRF Program Manager, significant changes to the construction sequencing was made resulting in additional work (i.e., second handling of

material, etc.). While this resulted in a PCO, the City was able to avoid significant additional delay costs in the form of extended general conditions. As a result, the impact of the delay was reduced significantly from original estimate of approximately \$1,000,000.

- **Changing Conditions (Additional Work as a Result of the Soil Slip)** – In May 2020, a soil slip occurred on the northern cut slope of the site. While the City’s initial assessment was the soil slip was the result of the DB team’s activities, it was determined by both the DB team’s geotechnical engineer (Earth Systems Pacific) and the City’s geotechnical engineer (Yeh & Associates) that the soil slip was the result of a pre-existing condition. The analysis performed by Earth Systems Pacific is included in Attachment 2. As a result, the City is responsible for the additional earthwork necessary to mitigate the soil slip. Initially, the magnitude of the PCO was approximately \$350,000. As a result of negotiations with the DB team, the final PCO value was reduced to approximately \$280,000.
- **Improved Operations**

A summary of the value of each of those primary rationale categories is included in the table below.

Primary Rationale	Value
Improved Operations	\$206,537
Reliability and Redundancy	\$58,243
Long-Term O&M Cost Savings	\$-
Construction Cost Savings	\$-
Changing Conditions	\$304,795
Operator Safety	\$11,079
Environmental Constraints	\$254,443
	\$835,097

NEXT STEPS

While this amendment addresses nearly all of the outstanding construction issues for the WRF, the City is working with the DB team to develop a more cost-effective approach to the permanent wildlife exclusion fencing required by the Biological Opinion (BO) issued by the United States Fish and Wildlife Service (USFWS). The City Council approved PCO 058, which included construction of the wildlife exclusion fence aimed at keeping the California red-legged frog out of the WRF site as part of the Amendment No. 3. The PCO has a value of \$856,000. Since that time, the City, DB team, Project Biologist, and EPA have worked to identify an alternative to the concrete and slatted-chain link fence currently in the BO. The USFWS has tentatively approved an alternative design and the City anticipates bringing a credit on the order of \$300,000 for consideration to the City Council in spring 2021.

ATTACHMENT

1. [Potential Change Order Details](#)
2. [Geotechnical Analysis Report of Soil Slip \(Earth Systems Pacific, 2020\)](#)