

Bastrop County

WCID #2

Board Packet

for

March 16, 2023

**BASTROP COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 2
MEETING AGENDA**

TO: THE BOARD OF DIRECTORS OF BASTROP COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 2, BASTROP COUNTY, TEXAS AND TO ALL INTERESTED PARTIES:

NOTICE IS HEREBY GIVEN THAT A MEETING OF THE GOVERNING BODY OF THE ABOVE-NAMED POLITICAL SUBDIVISION WILL BE HELD ON MARCH 16, 2023 AT 6:30 P.M IN THE BOARD ROOM LOCATED AT 112 CORPORATE DRIVE, BASTROP, TX 78602.

MEETING DISCUSSION TOPICS



- 1.) Call to Order and Establish a Quorum – O’Hanlon
- 2.) Pledge of Allegiance – O’Hanlon
- 3.) Texas State Flag – O’Hanlon
- 4.) Public Comments/Announcements (The Board respectfully requests that persons limit comments to three (3) minutes. Under the Open Meeting Act, the Board may not deliberate or take action in response to any matter raised during public comment that is not a separate agenda item.)
- 5.) Discussion and possible action regarding scheduling of future meeting dates:
 - a. Annual Road Meeting scheduled for Saturday March 25, 2023 at 10:00 a.m.
 - b. Regular Board of Director’s Meeting scheduled for Thursday, April 20, 2023 at 6:30 p.m.
- 6.) CONSENT AGENDA: (*Consent Agenda items are generally routine. Unless removed by a member of the Board or General Manager, items listed on the consent agenda may be acted on together and without prior discussion.*)
 - a. Approval of minutes from the February 16, 2023 Regular Meeting of the Board of Directors;
 - b. Approval of monthly financial report for February 2023; and
 - c. Approval of Release of Liens held by District on Real Property.
- 7.) Discussion regarding the following items to be presented in the General Manager’s report:
 - a. Update on District facilities, water plants and lift stations
 - b. Update on Water/Wastewater Maintenance & Improvement projects
 - c. Update on Roads maintenance & improvement projects
 - d. Employee Update
 - e. District Administrative Office Update

- 8.) Discussion and review of 2023 capital improvement projects to be funded with bond proceeds– Hightower
- 9.) Discussion and possible action regarding contract with Inframark for bookkeeping services, including possible termination thereof– Hightower
- 10.) Discussion and review of Master Plan for Road Improvements to be presented at annual road meeting - Hightower
- 11.) Discussion and possible action regarding monthly meetings of the District’s Board of Directors – O’Hanlon
- 12.) Update on scheduling joint meetings with the Tahitian Village Property Owners Association and Tahitian Village Architectural Control Committee – Hightower
- 13.) Board suggestions on future agenda items
- 14.) Adjourn

Paul Hightower

Authorized Signature Digitally certified signature added
March 09, 2023 at 10:32:18 am

The Board of Directors may go into Executive Session at any time during the meeting pursuant to the applicable section of Subchapter D, Chapter 551, Texas Government Code, of the Texas Open Meetings Act, on any of the matters set forth on this agenda regardless of whether Executive Session is specifically referenced. No final action, decision or vote will be taken on any subject or matter in Executive Session.

The District is committed to compliance with the Americans with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. Please call 512-321-1688 for further information.

Agenda

Item #6

Consent

Agenda

Minutes of the Regular Meeting of the
BASTROP COUNTY WATER CONTROL AND IMPROVEMENT
DISTRICT #2

A regular meeting of the Board of Directors of Bastrop County Water Control and Improvement District #2 was held on Thursday, February 16, 2023, beginning at 6:30 p.m. The meeting was held at the District office, located at 112 Corporate Drive.

Present BCWCID #2 Board Members:

Mary Beth O'Hanlon, President
Scott Ferguson, Vice President
Ron Whipple, Treasurer
Michele Plummer, Director
Butch Carmack, Director

BCWCID #2 Staff:

Paul Hightower, General Manager
Patricia Lujan, Office Supervisor
Tyler Walsh, Senior Operations
Adam Walsh, Field Manager

Absentees

Remote Participation

Tony Corbett, Attorney

- 1.) Call to Order and Establish a Quorum – O'Hanlon
- 2.) Pledge of Allegiance – O'Hanlon
- 3.) Texas State Flag – O'Hanlon
- 4.) Public Comments/Announcements (The Board respectfully requests that persons limit comments to three (3) minutes. Under the Open Meeting Act, the Board may not deliberate or take action in response to any matter raised during public comment that is not a separate agenda item.)

We had 1 members of the public speak to the Board. Jessica Zamora questioned the staff about flushing activities that take place on her road. Staff members Walsh and Hightower explained that it is done on a monthly basis due to the state regulation but that it's also done when there is a leak in the area or some similar activity, requiring the lines to be flushed. Mr.Hightower stated this is one of the primary reasons for getting lines looped in, was to help reduce water waste from flushing. Ms. Zamora indicated that she had a film over her water in the bath tub and after discussion, it was suggested that she flush her water heater out since it hadn't been done in 3 years of being installed.

No other public comments.

- 5.) Discussion and possible action regarding scheduling of future meeting dates:
 - a. Regular Board of Director's Meeting scheduled for Thursday, March 16, 2023 at 6:30 p.m.
 - b. Annual Road Meeting scheduled for Saturday March 25, 2023 at 10:00 a.m.

Mrs. O'Hanlon stated that the District's next regular Board meeting is March 16, 2023 and that the annual Road meeting is scheduled for March 25, 2023 and will take place at the District Office. No further comments or suggestions.

- 6.) CONSENT AGENDA: (*Consent Agenda items are generally routine. Unless removed by a member of the Board or General Manager, items listed on the consent agenda may be acted on together and without prior discussion.*)
 - a. Approval of minutes from the January 19, 2023 Regular Meeting of the Board of Directors;
 - b. Approval of monthly financial report for January 2023; and
 - c. Approval of Release of Liens held by District on Real Property.

No comments regarding the January Board Meeting minutes.

Mr. Hightower stated that we had not received the full set of financials for January from Inframark other than summary sheets received at 6pm tonight. Staff reviewed on the summary sheets and currently shows all accounts to be in good standing with no issues or errors.

No further questions or comments.

Paul Hightower read the Release of Liens as noted in the report.

Mrs. O'Hanlon called the question.

Motion: Scott Ferguson moved to approve the Consent Agenda items, pending adding the financial reports to the packets once they are received.

Seconded: Michele Plumer.

Vote: Five (5) in favor, motion carries.

- 7.) Discussion regarding the following items to be presented in the General Manager's report:
 - a. Update on District facilities, water plants and lift stations
 - b. Update on Water/Wastewater Maintenance & Improvement projects
 - c. Update on Roads maintenance & improvement projects
 - d. Employee Update
 - e. District Administrative Office Update

Mr. Hightower read the GM report as posted in the Board packet. No questions or comments

- 8.) Discussion and review of 2023 capital improvement projects to be funded with bond proceeds– Hightower

Mr. Hightower stated that since Samco had not been able to get their numbers worked out correctly with Inframark yet, we had no movement on this item other than Jones-Heroy given the contract to move forward with their portion of the TCEQ application. No further comments.

- 9.) Discussion and possible action regarding adoption of an amended Investment Policy– Hightower

The amended Investment policy was shown as presented in the Board packet. Mr. Hightower explained that the changes were necessary due to the changes within Inframark. Staff recommended approval of the amended policy to stay in compliance.

Mrs. O’Hanlon called the question.

Motion: Butch Carmack moved to approve the amended investment policy as presented.

Seconded: Scott Ferguson.

Vote: Five (5) in favor, motion carries.

- 10.) Discussion and possible action regarding opposition to the Colovista Sand and Gravel Pit – O’Hanlon

Mrs. O’Hanlon raised the question to the Board about writing a letter in opposition to the sand and gravel pit that was brought before the Board at a past meeting. Mrs. O’Hanlon explained that she had spoken to Mr. Adamcik with the Colovista Board and that he had shared with her, that a TCEQ application had not been made yet, for the gravel pit to move forward. It had also been discovered by the Counties biological department that oversees the Houston Toad Habitat, that the affected area was within the boundaries of the Houston Toad Habitat. It was unknown as to how that directly affects the pit moving forward. There was discussion about any direct dangers or involvement needed with BCWCID2. After speaking with our attorney, it was decided that since the impact of the pits could affect our groundwater supplies, we would have a direct and governmental reason to write a letter of opposition if it was needed. It was decided to table the matter until a future date, if an application was made to TCEQ regarding this matter.

No further comments or discussion.

- 11.) Discussion and possible action regarding making Road Base materials available for customer use –

Staff discussed the possibility of making road base materials available for public use. The attorney commented regarding this possibly being seen as donation of governmental property, which is illegal. It was suggested to take the calls on a case by case and as-needed basis, to fill or check the road edges, where this may be needed and to issue a work order so that it could be tracked and recorded.

No further comments or discussion.

- 12.) Discussion and possible action regarding wastewater pump installations – Hightower / Walsh / Brown

A petition was brought to the Board's attention last month, regarding how pump installations were being handled. Staff shared comments with the Board on pump installations and the possibility of setting up a 2-stage process for the install. The concern is having raw sewage on the ground or having it back into the house. Mr. Brown presented to the Board, the current policy and explained how the crews go in to do the install. It was discussed the timing of how the installs go and what could be done to reduce the wastewater spilling out and also, having the installs timed to work with the District staff and the builders. It was recommended by Board members, to edit our current policy adding in statements to not use the facilities within the new structure, along with the recommendation to not have sod/grass placed, until a completed wastewater system is installed. Board members and staff agreed this would be the best policy moving forward and that a 2-step process is not needed.

No further comments or discussion.

- 13.) Discussion and review of Annual Road Meeting Plan – Hightower

Mr. Hightower shared the preliminary version of the road plan documents for the annual road meeting in March, as presented in the board packet. There was some discussion regarding the different years and that we had almost every road in Tahitian coded for construction. It was also stated that we were working with the Commissioner's office, to get a complete list of roads that could be deemed impassable due to terrain or dangers of washout, where its not feasible for repairs. Mr. Hightower stated that this road plan, was in the review phase only and that it was an incomplete document. A more final document would be viewed at the March Board meeting, in preparation for the annual road meeting.

No further comments or discussion.

- 14.) Discussion and possible action regarding monthly meetings of the District's Board of Directors – O'Hanlon

Mrs. O'Hanlon established that we would have quorum's present for both of the meetings scheduled in March.

No further comments or discussion.

- 15.) Update on scheduling joint meetings with the Tahitian Village Property Owners Association and Tahitian Village Architectural Control Committee – Hightower

Mr. Hightower advised that the members had not interacted being that a new POA Board president was being selected. After this was finalized with POA, meetings should commence back in the future.

No further comments or discussion.

- 16.) Board suggestions on future agenda items

Mrs. O'Hanlon stated that the only item for future discussion, is the Inframark contract.

- 17.) Adjourn

Mrs. O'Hanlon called the question for adjournment.

Motion: Scott Ferguson moved to adjourn.

Seconded: Ron Whipple.

Vote: Five (5) in favor, motion carries.

Meeting ended at 8:06 p.m.

Authorized Signature

Lien List Recap for:**March****2023**

Total Amount of Liens Released	\$14,277.00
Road Assessments Paid	\$25,382.12
Standby Assessments Paid	\$0.00
Attorney Fees	\$153.00
 Total actually collected	 \$25,535.12
 Total Write-Offs	 \$0.00

Note: The reason the amount collected could be lower than the amount released is because the report must show a release amount for each lien filed. The accounts were all paid in full.

Agenda

Item #7

**General
Manager's
Report**

BOARD OF DIRECTORS
BASTROP COUNTY WCID NO. 2

General Manager's Update
March 16, 2023

7a. Update on District water plants and lift stations:

The SCADA has been on-site installing the new towers and pieces necessary for the transition at both the water tower and lift station locations.

7b. W/WW Maintenance & Capital Improvements update:

Qro-Mex construction has moved equipment into the neighborhood and started phase 1 of the new projects.

7c. Roads maintenance & improvement projects update:

Our road employees got to take advantage of some advanced grader and equipment training this past month with the County and the Tx Lap partner. It was a week long course that covered some of the more advanced operations of the grader. They worked primarily in the Diamond Head area. This training along with getting the grader purchased from the county, will immensely help our internal staff to get/keep roads maintained and maintenance.

Crews have started on the current year roads and moving forward. One road, Onini Drive, had to be concreted due to the angle and issues with erosion. This portion has been completed and now a new issue of road placement has been discovered, so we are working through that with Mel and the County Engineer.

7d. Employee update:

We placed an ad for a financial & AP person and ended up receiving over 60 resumes. After initial review, we got it down to around 20 then sorted out for a 1st, 2nd and 3rd tier. Mary Beth and I will be conducting interviews next week with the first tier and see where we get. We definitely have some good candidates so we are hoping for a good return.

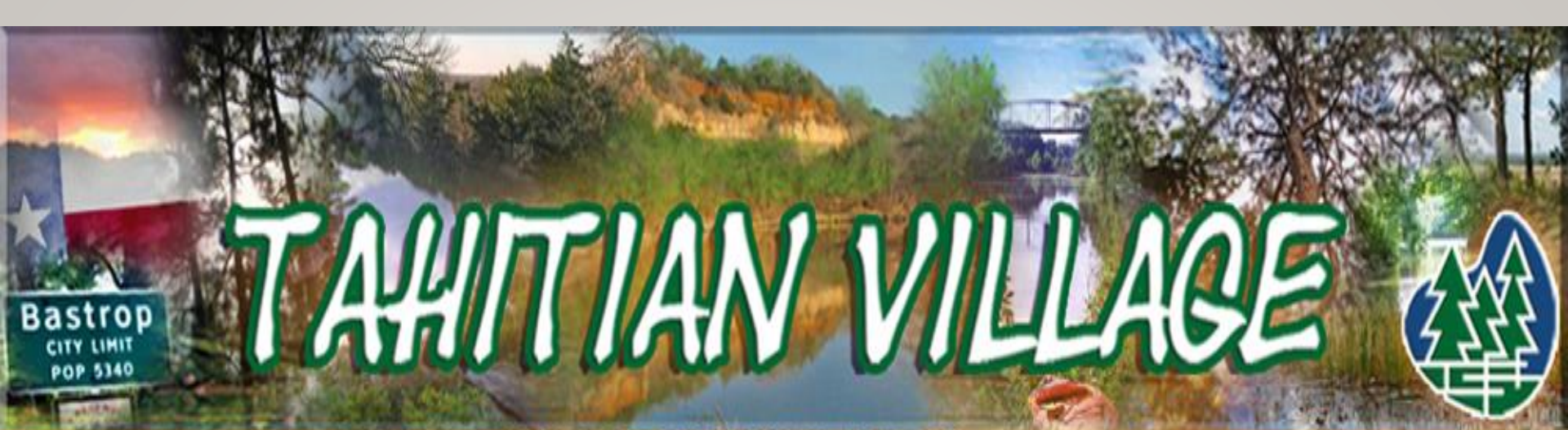
7e. General Office Update:

No updates this month.

Agenda

Item #10

**Discussion &
review of
Annual Road
Meeting Plan**



BCWCID #2 Annual Road Meeting

March 25, 2023

Copies of this presentation will be also available on the BCWCID2 website

RECOGNIZING OF DIGNITARIES AND INVITEES

- Mel Hamner ~ Commissioner, Bastrop County
- Joseph Willrich ~ PE, BEFCO Engineering

PRESENTATION OVERVIEW

- Accomplishments/Updates Since Last Meeting
 - 2.26 miles completed
 - 3.4 Mi currently under construction
- Building FY 2023-27 Plan
 - FY = Oct 1 – Sep 30



FIRST 40+ YEARS

TAHITIAN ESTABLISHED IN THE 70'S ALL PLATTED AND ROAD DESIGNS APPROVED

- All Arterial Roads Completed
- 66% of All Roads Completed: 41 of the 61 miles, which leaves only 20 miles of WCID Road with almost 2.5 miles pending for County acceptance in 2023.
- 78% of Resident's Homes on Completed Roads as at January 1, 2023 which leaves us only 22% of our residents and other open roads, to get completed.
 - The Road District employees have had some major tasks this year and done an amazing job with what they had to work with.
 - In 2022, we had a major 25-30% material & fuel increases to deal with. For 2023, currently. We are in the 12-15% range and we hope this holds true. We are doing everything we can, in-house, to keep the costs down and make your money go as far as it can.
- Use of In-House Road Crew & Contractors to build roads faster; and then County completes chip seal
 - ILA Agreement with the County saves the District Approx. \$50-75k per mile with completion.
- Funded Via Road District Statute (Road Fees)
 - \$17 per lot per Month .. \$204 per year. The District did not raise the fees for 2022, even with the increases in material. After reviewing for 2023, for the time being, the Board has decided to hold at the current rate.
 - \$21 Max by Current Statute Updated 2017 by the BCWCID2 Board
 - All lots (**Vacant & Occupied**) are responsible for paying fees by state statute
 - 2023 - 75% of Road Fees collected to be used for Road Construction and 25% for Road Maintenance, No change since 2019.

ROAD CONSTRUCTION PROCESS

- Road selection is prioritized by many items. In the past, it has strictly used home density, but with that changing on a weekly basis, it's hard to keep up. We are to a point of having the road plan in place for the next several years, that once we reach that, we will just have to start processing the roads as we come to them. Once we are to the point of all roads completed OR deeded to the County, the Road District will be dissolved.
-
- Factors Used for Selection
 - Feeder Streets where multiple highly populated roads feed thru a lesser populated road
 - Egress routes / Emergency Access / Bus Routes / Home Density
 - High Risk Roads - IE: elevation/slope, single lanes and drainage,
 - Logical groupings in Units for efficiency & completeness, which saves the District funds
 - Density on case by case basis: Costs of roads in high density areas are much more expensive per mile, due to extra cost involving driveways & culverts. For this reason, we try to complete some non-occupied roads when we are in certain areas which saves the District a good amount of funds.
 - 2023 Process:
 - Engineering surveys completed for Year 1 locked roads
 - Pre-Construction activities (clearing, ditches, etc) typically starts first of the year.
 - Roads, once completed, will be accepted by County after walk-thru, approval and following the warranty period.

2022/2023 FINANCIALS FOR ROAD CONSTRUCTION/ROAD MAINTENANCE

- The District has collected (or will collect) \$1.668M in annual road fees for 2022.
- In 2022, the District received a \$50k donation from the TVPOA & ACC offices.
- In 2022, roads were constructed with the use of contracted labor, WCID2 labor and support of the Bastrop County via Interlocal Agreements.
- Projected road fees and FEMA reimbursements will be used to fund 2023 road construction & chip sealing.
- A financial analysis will be available on the website once our final 2022 audit is completed, expected in April.
- Current Estimate at \$320-340K per mile with Engineering. Cost of oil is still a major factor along with material & fuel price increases.

MAJOR ROAD MAINTENANCE – 2022 LIST

- We had a total of 26 roads that were in the maintenance work, completed for the year. **
- We used 7,269 total tons of material (cold-mix, reclaimed concrete or flex base) which covered/maintained/graded over 8-miles of roadway for 2022.
- Material is inline with the 2022 #s as we focused on using the grader to disrupt and pack down the natural material in the areas that we could, but adding flex base to have them pre-prepped for future paving. In the end, this results in a savings for us when it comes to the actual construction time.

****This does not include new construction or the chip sealing/prepping that was completed****

KEY FACTORS & DATA USED IN BUILDING THE 2023 / 2027 - 5 YEAR PLAN

- First 3 years locked for planning & engineering purposes & last 2 years are subject to be changed.
- Bastrop WCID2 5-year Road Plan: Ingress/Egress & bus routes along with high risk or emergency access and home density as-needed.
- Connection to current County/City Roads, Collector & Feeder Streets; which are streets used to get from a smaller to a larger road.
- Roads added when it was logical to add to complete an area

SIDE NOTE:

- In 2020, the BCWCID2 Board of Directors voted, that once a road is added to the plan in the 5-year line up, that it not be removed.

2023 Road Construction and Maintenance Priorities

- Road Fees cover Road Construction & Road Maintenance
 - Engineering surveys completed for Year 1 locked roads
 - Finding ways to use/save money to make it go as far as we can is always a priority. With material and fuel increases, it's a most important time than ever to spend wisely. We will do our best, to make your money go as far as we can.
- We now have a full 6 employee District Crew working full time on road construction & maintenance
 - Teams to Use County Equipment (Grader, Roller & Water Tanker) with ILA
 - State certified operator training offered at no cost from County and TXLAP sources
 - Improve Maintenance Process & Assist in Construction
 - Unfinished roads will be prioritized to be graded and rolled

Thank you Bastrop County Pct #1 For this Great Opportunity!

2022 ROAD SUMMARY

- In 2022, the following roads were conveyed to the Bastrop County: Pahalawe Lane, Pukoo Drive, Kaapahu Drive, Katao Court, Nanakuli Drive, Kaupa Court, Koko Court, Keaa Court, Mokolea Lane, Kauai Court, Oah Court, Anahulu Lane and Kaelepulu Drive.
- In 2022, \$332K was spent on road maintenance.
- By Approving the Plan at the annual road meeting, the 1992 Master plan is updated and also communicated to the District residents, the Bastrop County and Bastrop City for the change in road inventory, roads to be reconstructed in 2022, future plans and cost estimates to complete.
- Most recent estimate of costs to complete the project for 100% conveyance of all roads to Bastrop County or Bastrop City is in the \$6.2 to \$6.8m range. This # is close to last years figure and is primarily due to the rising costs of oil and other materials. This could be a highly variable # for the next few years.

PENDING OR COMPLETED PREVIOUS PLANS

Roads Pending with County from previous years

Unit	Collector Road	Total to be Paved	Street	Length of Unpaved Road Measured by Feet	Comments
1			Honopu Dr	1030	***COMPLETED***
1			Kula Ct	350	***COMPLETED***
1			Keo Kea	530	***COMPLETED***
2			Kolo Ct	350	***COMPLETED***
2			Kipahulu	3900	***COMPLETED***
2			Iao Court	400	***COMPLETED***
			Otani Court	600	***COMPLETED***
2			Kahalulu	3150	***COMPLETED***
2			Nakalele Lane	750	***COMPLETED***
1		760	E & W. Keamuku Ct	760	Needs chip seal
1		360	Ewa Ct	360	Needs completing w/ Keamuku
2	Feeder	1000	Onini	1000	Needs hill concreted instead of CS due to grade
2		450	Okoe Ct (East)	450	Needs chip seal
2		1200	Koali	1200	Needs chip seal
2		350	Pulehu Ct	350	Needs chip seal

PROPOSED ROAD PROJECTS -

October 2022 - September 2023 (Year 1) Locked

Unit	Collector Road	Total to be Paved	Street	Length of Unpaved Road Measured by Feet	Comments
2		2090	Koolua	2090	Off Awehi Lane
2		1,500	Haleakala Dr	1500	
		275	Taro Court	275	Old Kulkul court
2		180	Waihi Ct	180	OFF AKALOA
2		650	Laau Ct	650	Finish off area
5		1300	Kikipua	1300	Newly Qualified
4 & 5		3100	Waipahoehoe Dr	3100	
4		2550	Mokuleia Cr	2550	Off Akaloa. Pave full Circle
5		2700	Nene	2700	Was W. Kokekole
4		950	Mokolea Lane	950	Connects Akaloa & Nanakuli
Total					
	Total Feet	15295	15,295		
			2.90		
	Miles	2.90			

PROPOSED ROAD PROJECTS –

October 2023 - September 2024 (Year 2 LOCKED)

Unit	Collector Road	Total to be Paved	Street	Length of Unpaved Road Measured by Feet	Comments
1		1,260	E & W Wiamea Ct	1260	
1		350	Olai Court	350	Connector for Makaha & Wiamea
1	Feeder	3,400	Makaha East to Mauna Kea	3900	500 Ft done in 2018/19
3		1,020	Naalehu Ct	1020	
3		2529	Keawakapu	2529	
3		900	Koele	900	
4		950	Kaaawa Lane East	950	West Off Akaloa by Wailupe
5		200	Manana Ct	200	
5		725	Kahana W	725	Off Awehi Lane
3		450	Lipoa	450	
		350	Upola Court		
	Total Feet	12,134			
	Miles	2.30			

PROPOSED ROAD PROJECTS –

October 2024 - September 2025 (Year 3 New Plan)

Unit	Collector Road	Total To Be Paved	Street	Length of Unpaved Road Measured by Feet	Comments
5		3900	Heleakala Dr	3900	Heleakala connects to Lamaloa County Road and this group is batched for Egress
2		1900	Keneka (Was Wahane west of washout)	1770	
4		400	Aiea Ct	400	
4		500	Kaiwi Ct	500	
4		4000	Hanauma Dr	4000	
4		3300	Helemano Dr	3300	
5		3900	Iva Lane	3900	
	Total Feet	17900			
	Miles	3.39			

PROPOSED ROAD PROJECTS -

October 2025 - September 2026 (Year 4 New Plan)

Unit	Collector Road	Total to be Paved	Street	Length of Unpaved Road Measured by Feet	Comments
5		350	Puu Kaua Ct	350	THESE 8 STAY GROUPED TOGETHER FOR FUTURE ROAD PLAN
5		360	Mokuauia Ct	360	
5		240	Makua Ct	240	
5		320	Waialea Ct	320	
5		220	Waipio ct	220	
5		400	Kahuku Ct	400	
5		550	MoKoolii Ct	550	
5		550	Waialua Ct	550	
5		2650	Kawainui LANE	2650	Off N. Wahane
2		2700	Waiee	2700	Off Awehi Lane
2		300	Paia Court	300	
2		200	Auau	200	
2		160	Lopa ct	160	
5		2350	Kamaiki	2350	
2		2500	Molokini	2500	Off Awehi Lane
2		100	Llio Court	100	Off Molokini
2		3450	Hekili	3450	Off N. Wahane
2		200	Eke	200	
4		2550	Wailupe	2550	Off N. Wahane
	Total FEET	20,150	2,440		
			0.46		
	Miles	3.82			

PROPOSED ROAD PROJECTS –

October 2026 - September 2027 (Year 5 New Plan)

Unit	Collector Road	Total to be Paved	Street	Length of Unpaved Road Measured by Feet	Comments
5		500	Puu Waa Waa East	500	Connects to Diamond Head
5		350	Halawa Ct.	350	off Puu Waa Waa above
5		2100	Pauwela	2100	
1		750	Kailua Lane	750	
5		760	Keahi Ct	760	
4		2880	Bali Hai Ln (previously Kolekole)	2880	West end off of Diamond Head
5		2330	Mokulua Ln (East)	2330	
1		1,420	Oahu Ct	1420	Off Nani Lane
1		330	Nani Lane	330	
1		650	Koa Ct	650	
4		1900	Palikea Cr	1900	
5		800	Hilea Ct	800	
5		1500	Keomuku Ln	1500	
5		750	Wahane Lane	750	Washout area to west
	Total Feet	17,020			
	Miles	3.22			

FUTURE ROADS

PENDING INCLUSION INTO THE PLAN ~ PAGE I

Remaining Roads to Be Completed with other years or fit in where plausible

Unit	Collector Road	Total to be Paved	Street	Length Ft	Comments
5		200	Halawa Ct	200	
1		220	Reva/Lae Ct	220	
5		250	Kalihi Ct	250	
4		250	Pali Ct	250	
1		350	Koui Ct	350	
2		450	Moku Ct	450	
1		700	Kohala Lane	700	
2		1406	Wahane - E of Akaloa	1406	Lift Station
5		1800	Loke	1800	
1		2250	Aloha	2250	
1		1150	Hulu Ln	1150	
5		1150	Ahupu Lane	1150	
2		160	Alau Ct	160	
5		1450	Kahana E	1450	
5		3360	Diamond Head Dr.	3360	
2		250	Hana Ct	250	
5		200	Hawaii Ct	200	
5		230	Honolulu Ln	230	

FUTURE ROADS PENDING INCLUSION INTO THE PLAN ~ PAGE 2

5		350	Howi Ln	350	
5		450	Huula Ct	450	
5		336	Kaala Drive	336	
4		4300	Kaukonahua Lane	4300	
5		950	Kawanui Dr	950	
5		150	Keehi Ct	150	
5		250	Koolau ct	250	
1		760	Lanai Ct	760	
5		450	Lanikai	450	
2		240	Mala Ct	240	
1		690	Maui Ct	690	Cliffside City road
2		190	Nuu Ct	190	
1		950	Okoe Ct (West)	950	
4		1600	Waikiki	1600	
5		400	Hoku	400	
5		2850	Waimanalo Ln	2850	
1		1100	Makaha East Mauna Kea to Aloha Ln	1100	DOES NOT CONNECT TO 71 - VERIFIED 3/9/21 PER CAD MAP
		TOTAL FROM REMAINING:		31842	
		Miles to Be Paved		6.0	

TOTAL MILES LEFT PER THIS PLAN

20.44

THANK YOU

County Commissioner Mel Hamner

BEFCO Engineering

TVPOA & ACC Boards

BCWCID2 Staff and Board Members

**As always, our many Thanks to everyone, for the hard work
and dedication to the BCWCID2 community!!**

Roads Pending with County from previous years

Unit		Collector Road	Total to be Paved		Street	Length of Unpaved Road Measured by Feet	Comments
1					Honopu Dr	1030	***COMPLETED***
1					Kula Ct	350	***COMPLETED***
1					Keo Kea	530	***COMPLETED***
2					Kolo Ct	350	***COMPLETED***
2					Kipahulu	3900	***COMPLETED***
2					Iao Court	400	***COMPLETED***
					Otani Court	600	***COMPLETED***
2					Kahalulu	3150	***COMPLETED***
2					Nakalele Lane	750	***COMPLETED***
1			760		E & W. Keamuku Ct	760	Needs chip seal
1			360		Ewa Ct	360	Needs completing w/ Keamuku
2		Feeder	1000		Onini	1000	Needs hill concreted instead of CS due to grade
2			450		Okoe Ct (East)	450	Needs chip seal
2			1200		Koali	1200	Needs chip seal
2			350		Pulehu Ct	350	Needs chip seal
		Total Feet	4120		7,160		
					1.36		
		Miles	0.78				

October 2022 - September 2023 (Year 1) Locked

Unit	Collector Road	Total to be Paved	Street	Length of Unpaved Road Measured by Feet	Comments
2		2090	Koolua	2090	Off Awehi Lane
2		1,500	Haleakala Dr	1500	
		275	Taro Court	275	Old Kulkul court
2		180	Waihi Ct	180	OFF AKALOA
2		650	LaaU Ct	650	Finish off area
5		1300	Kikipua	1300	Newly Qualified
4 & 5		3100	Waipahoehoe Dr	3100	
4		2550	Mokuleia Cr	2550	Off Akaloa. Pave full Circle
5		2700	Nene	2700	Was W. Kokekole
4		950	Mokolea Lane	950	Connects Akaloa & Nanakuli
Total					
	Total Feet	15295	15,295		
			2.90		
	Miles	2.90			

October 2023 - September 2024 (Year 2 LOCKED)

Unit	Collector Road	Total to be Paved	Street	Length of Unpaved Road Measured by Feet	Comments
1		1,260	E & W Wiamea Ct	1260	
1		350	Olai Court	350	Connector for Makaha & Wiamea
1	Feeder	3,400	Makaha East to Mauna Kea	3900	500 Ft done in 2018/19
3		1,020	Naalehu Ct	1020	
3		2529	Keawakapu	2529	
3		900	Koele	900	
4		950	Kaaawa Lane East	950	West Off Akaloa by Wailupe
5		200	Manana Ct	200	
5		725	Kahana W	725	Off Awehi Lane
3		450	Lipoa	450	
		350	Upola Court		
	Total Feet	12,134			
	Miles	2.30			

October 2024 - September 2025 (Year 3 New Plan)

Unit	Collector Road	Total To Be Paved	Street	Length of Unpaved Road Measured by Feet	Comments
5		3900	Heleakala Dr	3900	Heleakala connects to Lamaloa County Road and this group is batched for Egress
2		1900	Keneka (Was Wahane west of washout)	1770	
4		400	Aiea Ct	400	
4		500	Kaiwi Ct	500	
4		4000	Hanauma Dr	4000	
4		3300	Helemano Dr	3300	
5		3900	Iva Lane	3900	
	Total Feet	17900			
	Miles	3.39			

October 2025 - September 2026 (Year 4 New Plan)

Unit	Collector Road	Total to be Paved	Street	Length of Unpaved Road Measured by Feet	Comments
5		350	Puu Kaua Ct	350	<p>THESE 8 STAY GROUPED TOGETHER FOR FUTURE ROAD PLAN</p>
5		360	Mokuauia Ct	360	
5		240	Makua Ct	240	
5		320	Waialee Ct	320	
5		220	Waipio ct	220	
5		400	Kahuku Ct	400	
5		550	MoKoolii Ct	550	
5		550	Waialua Ct	550	
5		2650	Kawainui LANE	2650	Off N. Wahane
2		2700	Wainee	2700	Off Awehi Lane
2		300	Paia Court	300	
2		200	Auau	200	
2		160	Lopa ct	160	
5		2350	Kamaiki	2350	
2		2500	Molokini	2500	Off Awehi Lane
2		100	Llio Court	100	Off Molokini
2		3450	Hekili	3450	Off N. Wahane
2		200	Eke	200	
4		2550	Wailupe	2550	Off N. Wahane
	Total FEET	20,150	2,440		
			0.46		
	Miles	3.82			

October 2026 - September 2027 (Year 5 New Plan)

Unit	Collector Road	Total to be Paved	Street	Length of Unpaved Road Measured by Feet	Comments
5		500	Puu Waa Waa East	500	Connects to Diamond Head
5		350	Halawa Ct.	350	off Puu Waa Waa above
5		2100	Pauwela	2100	
1		750	Kailua Lane	750	
5		760	Keahi Ct	760	
4		2880	Bali Hai Ln (previously Kolekole)	2880	West end off of Diamond Head
5		2330	Mokulua Ln (East)	2330	
1		1,420	Oahu Ct	1420	Off Nani Lane
1		330	Nani Lane	330	
1		650	Koa Ct	650	
4		1900	Palikea Cr	1900	
5		800	Hilea Ct	800	
5		1500	Keomuku Ln	1500	
5		750	Wahane Lane	750	Washout area to west
	Total Feet	17,020			
	Miles	3.22			

Remaining Roads to Be Completed with other years or fit in where plausible

Unit		Collector Road	Total to be Paved		Street	Length Ft	Comments
5			200		Halawa Ct	200	
1			220		Reva/Lae Ct	220	
5			250		Kalihi Ct	250	
4			250		Pali Ct	250	
1			350		Koui Ct	350	
2			450		Moku Ct	450	
1			700		Kohala Lane	700	
2			1406		Wahane - E of Akaloa	1406	Lift Station
5			1800		Loke	1800	
1			2250		Aloha	2250	
1			1150		Hulu Ln	1150	
5			1150		Ahupu Lane	1150	
2			160		Alau Ct	160	
5			1450		Kahana E	1450	
5			3360		Diamond Head Dr.	3360	
2			250		Hana Ct	250	
5			200		Hawaii Ct	200	
5			230		Honolulu Ln	230	

CONTINUED FROM PREVIOUS PAGE

5			350		Howi Ln	350	
5			450		Huula Ct	450	
5			336		Kaala Drive	336	
4			4300		Kaukonahua Lane	4300	
5			950		Kawanui Dr	950	
5			150		Keehi Ct	150	
5			250		Koolau ct	250	
1			760		Lanai Ct	760	
5			450		Lanikai	450	
2			240		Mala Ct	240	
1			690		Maui Ct	690	Cliffside City road
2			190		Nuu Ct	190	
1			950		Okoe Ct (West)	950	
4			1600		Waikiki	1600	
5			400		Hoku	400	
5			2850		Waimanalo Ln	2850	
1			1100		Makaha East Mauna Kea to Aloha Ln	1100	DOES NOT CONNECT TO 71 - VERIFIED 3/9/21 PER CAD MAP
			TOTAL FROM REMAINING:			31842	
					Miles to Be Paved	6.0	

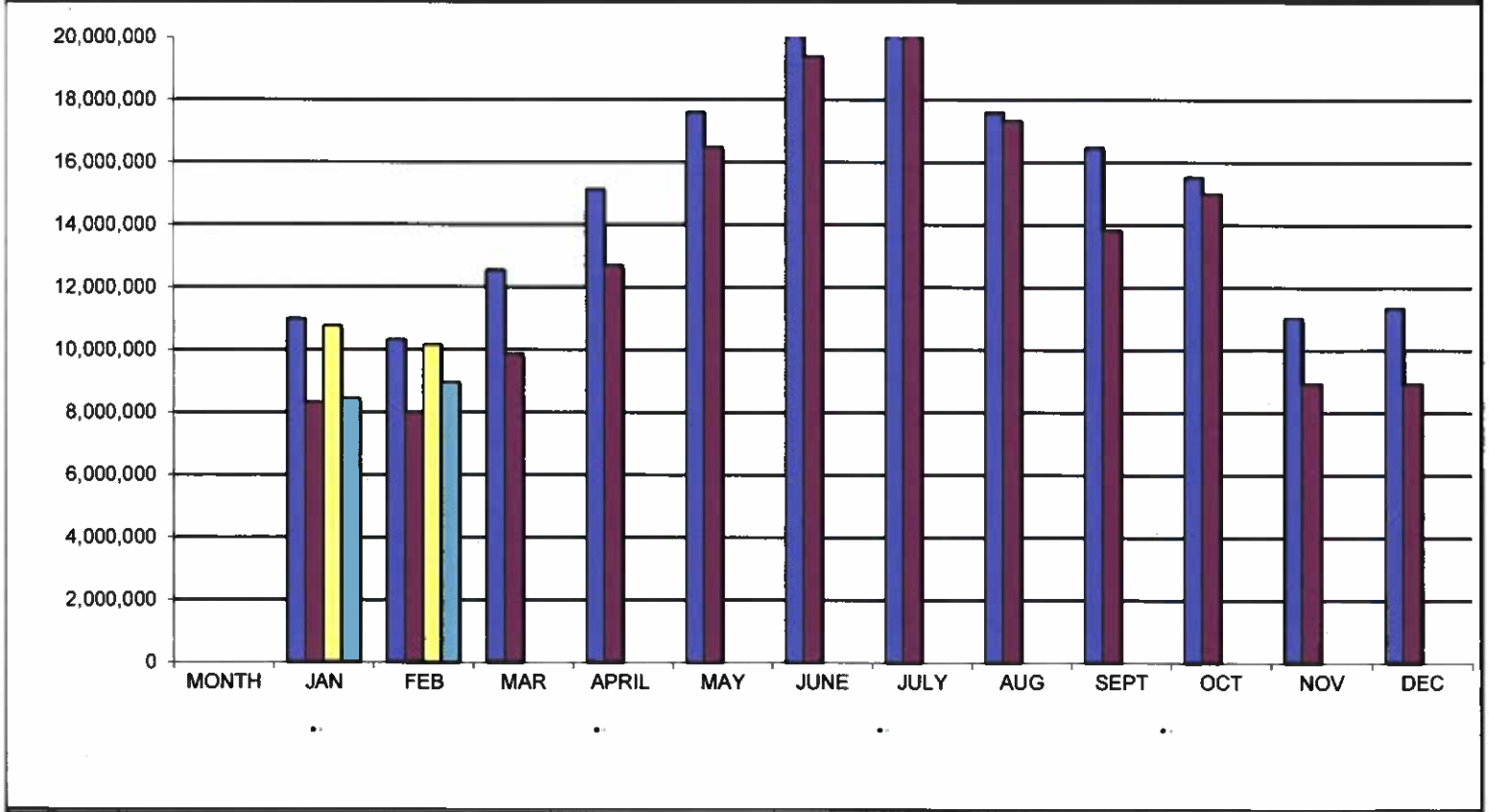
TOTAL MILES LEFT PER THIS PLAN

20.44

MISC REPORTS

**BCWCID#2 2023
CONSUMPTION REPORT**

	2022 PUMPED	2022 USAGE	2023 PUMPED	2023 USAGE	2023 PUMPED	ACTIVE	
MONTH	WATER	OF WATER	WATER	OF WATER	UNBILLED	METERS	%
JAN	10980840	8301028	10760239	8426807	1,347,067	2,197	9%
FEB	10311316	7973843	10147969	8939642	757,150	2,202	4%
MAR	12528882	9858949					#DIV/0!
APRIL	15127456	12692037					#DIV/0!
MAY	17583275	16483711					#DIV/0!
JUNE	21155965	19383640					#DIV/0!
JULY	23197965	21413487					#DIV/0!
AUG	17584984	17316186					#DIV/0!
SEPT	16468129	13817511					#DIV/0!
OCT	15529134	14988616					#DIV/0!
NOV	11026904	8933433					#DIV/0!
DEC	11336403	8925672					#DIV/0!
TOTALS	182,831,253	160,088,113	20,908,208	17,366,449	2,104,217		7%



JOB CODE	----- ISSUED THIS PERIOD -----				----- PRIOR ORDERS -----			TOTAL	TOTAL
	ISSUED	COMPLETED	VOIDED	OUTSTANDING	COMPLETED	VOIDED	OUTSTANDING	COMPLETED	OUTSTANDING
ALARM SEWER ALARM	10	10	0	0	2,263	25	0	2,273	0
BROWN BROWN WATER	0	0	0	0	392	3	0	392	0
CHANG CHANGE SIGN	0	0	0	0	37	0	0	37	0
CULVE CULVERT PERMIT	1	1	0	0	497	11	1	498	1
FLUSH FLUSH WATER LINE	1	1	0	0	869	1	0	870	0
HSWAP METER HEAD SWAP	0	0	0	0	152	14	0	152	0
IRRIG IRRIGATION PERMIT	1	1	0	0	56	2	0	57	0
LEAK CHECK FOR LEAK	9	8	0	0	1,862	24	0	1,870	0
LKMTR LOCK MTR	0	0	0	0	233	64	0	233	0
LNLOC LINE LOCATE	0	0	0	0	266	5	0	266	0
METER MOVE METER CHARGE	0	0	0	0	6	7	0	6	0
MI METER INFORMATION	0	0	0	0	170	10	1	170	1
MISCE MISCELLANEOUS	6	4	1	0	3,427	184	7	3,431	7
MOW MOWING GRASS	0	0	0	0	262	1	1	262	1
OCC OCCUPANT CHANGE	13	13	0	0	4,243	67	0	4,256	0
ODOR SMELLY WATER	0	0	0	0	32	0	0	32	0
OFF TURN OFF SERVICE	11	10	1	0	2,865	290	0	2,875	0
OFFEE TRIP CHARGE TURN OFF	0	0	0	0	21	0	0	21	0
ON TURN ON SERVICE	18	18	0	0	3,830	85	0	3,848	0
ONFEE TRIP CHARGE TURN ON	0	0	0	0	22	2	0	22	0
POOLS POOL/SPA PERMIT	0	0	0	0	54	1	0	54	0
RADIO RADIO READ REPORT	0	0	0	0	154	5	0	154	0
RC READ CHECK	1	1	0	0	429	109	0	430	0
ROAD ROAD REPAIR	3	1	0	0	3,914	25	5	3,915	5
RRMON RADIO READ MONITOR (RENT)	0	0	0	0	0	1	0	0	0
SEWER WASTEWATER MISC SERVICE	1	1	0	0	1,469	32	2	1,470	2
SIGN STREET SIGN	0	0	0	0	77	3	2	77	2
SWAP METER SWAP-OUT	1	1	0	0	1,809	109	0	1,810	0
SWTAP W/W TAP	2	2	0	0	488	26	4	490	4
TMPWT TMP WTR	0	0	0	0	9	5	0	9	0
W/W W/W ESTIMATE	2	1	0	1	1,193	43	1	1,194	2
WMEAS MEASURE FOR WATER TAP	5	4	0	1	1,839	51	0	1,843	1
WPRES LOW WATER PRESSURE	0	0	0	0	385	16	0	385	0
WTRTP WATER TAP	8	7	0	1	310	793	0	317	1
WWMOV W/W ESTIMATE FOR RELOCATE	0	0	0	0	11	6	0	11	0
** GRAND TOTALS **	93	84	2	3	33,646	2,020	24	33,730	27

FEBRUARY 2023

BCWCID#2

Re-Cap of Water Tap Applications

WATER TAPS:

2023 Pending	2	
2023 Complete.....	13	
2022 Complete.....	117	
2021 Complete.....	112	
2020 Complete.....	119	
2019 Complete.....	96	
2018 Complete.....	96	
2017 Complete.....	78	
2016 Complete	88	
2015 Complete	60	
2014 Complete	39	
2013 Complete.....	35	
2012 Complete.....	37	
2011 Complete.....	42	
2010 Complete.....	49	
2009 Complete.....	43	
2008 Complete.....	35	
2007 Complete.....	47	
2006 Pending.....	1	(Sac-N-Pac)
2006 Complete.....	25	
2005 Complete.....	26	
2004 Complete.....	39	
2003 Complete.....	72	
2002 Complete.....	113	

FEBRUARY 2023

BCWCID#2

Re-Cap of Wastewater Tap Applications

WASTEWATER TAPS:

2023 Pending	5
2023 Complete.....	6
2022 Pending	1
2022 Complete.....	34
2021 Pending	1
2021 Complete.....	34
2020 Complete.....	43
2019 Complete.....	34
2018 Complete.....	52
2017 Complete	35
2016 Complete	40
2015 Complete	32
2014 Complete	26

Active Wastewater Customers: 865