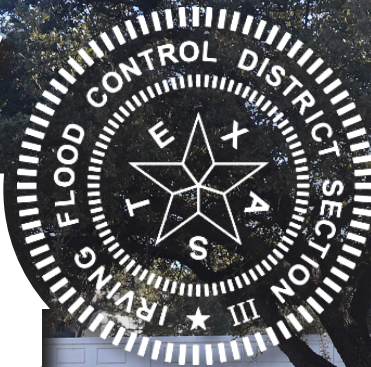


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YEARS OF IFCD 3

**IRVING FLOOD CONTROL DISTRICT SECTION III
2022-2023 Annual Report**

4



YEARS OF IFCD 3

Letter From the President

SINCE ITS CREATION IN 1983, Irving Flood Control District Section III (IFCD 3) has leaned into innovation to better serve our community. But what does innovation look like for an organization that monitors weather patterns and water levels throughout a community? For us, innovation comes in many shapes and sizes.



Over the past 40 years, our team has adapted to the inventions of the internet, Wi-Fi, cell phones, bluetooth and other major technological releases.

These inventions gave way to new community resources, as we launched our website, IFCD3.org, social media accounts on Facebook and X, and our blog, Waterways. These inventions also increased the reliability of our flood control system, as we improved the technological infrastructure of our pump station by leveraging the internet, Wi-Fi and remote devices.

In addition to implementing mainstream innovations, IFCD 3 has spent countless hours over the last four decades studying and adopting new technology to improve the efficiency of our facilities. Whether it be installing lighter-weight machinery to reduce utility costs, utilizing more durable coatings to extend the lifespan of our pumps, or releasing a self-swimming trash collector in our canals to prevent trash buildup, we're always on the lookout for new ways to protect Valley Ranch against flooding from the Elm Fork of the Trinity River.

As you read through this report, I hope that the District's commitment to innovation shines through and that you feel a level of excitement as we highlight our latest activities. But before we move to the rest of the report, I'll take a moment to thank you - the residents, businesses, regional leaders and volunteers - for supporting IFCD 3 over these past 40 years. Our success would not have been possible without the collaboration of our community.

WE'RE ALWAYS ON THE LOOKOUT FOR NEW WAYS TO PROTECT VALLEY RANCH AGAINST FLOODING FROM THE ELM FORK OF THE TRINITY RIVER.

Sincerely,

Chris J. Calvery
President
Irving Flood Control District Section III

A Look at the Next 40 Years of IFCD 3

THE DISTRICT HAS ALWAYS UNDERSTOOD AND VALUED INNOVATION. When we were created by the Texas State Legislature in 1983, IFCD 3 aimed to match the culture of innovation established by the City of Irving. That very spirit of innovation has enabled the City of Irving to grow to 250,000 people, 92,000 households and 8,500 businesses strong over the past 40 years.



“Having lived in Valley Ranch since 1988 and having served as a board member for Irving Flood Control District III, I am proud of the advancements to ensure the safety of residents that have occurred in this community. We have witnessed incredible growth across the City of Irving in this time and that would not have been possible without the dedicated change-makers that fuel the innovative spirit of our city,” Mayor Rick Stopfer said. “Thank you IFCD 3 for being financially prudent and continuing to incorporate new methods and technology to make Irving an even better place to work, live and play.”

As the City of Irving continues to welcome new businesses and remains a desirable location for families to call home, Valley Ranch has also grown. The neighborhood is now home to approximately 4,000 single-family households, 22 multi-family properties and more than 120 local businesses.

IFCD 3 anticipates the continued growth of the Valley Ranch community in the coming years. With this growth comes greater responsibility for our team to protect our community by maintaining a strong flood control system. This includes continuing our recurring maintenance checks of pump station equipment, the levee, the backup power generators and the 5.5 miles of canals; construction projects to repair and replace deteriorating equipment; ongoing staff training to ensure best practices; and a continued commitment to community education and engagement.

In addition, we’re looking to install new flood control tools that operate on little to no electricity and require minimal oversight. Leaning into more efficient tools, materials and technology will enhance the safety of the community while reducing operational expenses over time.

As we look beyond the past 40 years and into the decades to come, IFCD 3 will continue to pursue innovation to ensure our system’s longevity and success during times of need.

Key Project Updates

OUR GOAL IS TO MAINTAIN PROPER FLOOD CONTROL OPERATIONS while reducing the risk to property and life for residents and business owners. During the past year, we've made progress on multiple projects. The status of each is summarized below:

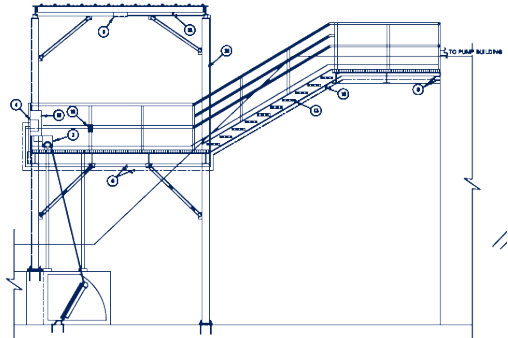


Valley Ranch Parkway East Channel Repair

During routine inspections, our staff concluded that select channel walls along Valley Ranch Parkway East were showing signs of natural erosion and would need to be replaced promptly, due to the walls' proximity to the levee. IFCD 3 has successfully repaired the walls near the levee to ensure full functionality and reliability moving forward.

Tilting Weir Installation

In an ongoing effort to conserve energy and reduce our need to activate the pumps during smaller storms, we began exploring the installation of a tilting weir, also known as a tilting gate. IFCD 3 is currently collecting bids from third-party engineering firms to help further control the water levels throughout Valley Ranch between storms or during light rainfall.



Leveraging Innovation for Trash Collection

WHILE A WATER BOTTLE OR EMPTY FOOD CONTAINER ON THE SIDE OF THE STREET MAY SEEM HARMLESS, imagine that piece of trash washing into one of Valley Ranch’s canals during a storm. This one piece of trash will probably join others like it and flow downstream, where it can scrape and wear away at canal walls and clog the critical flood control system the canals support.

Since 2018, our team has researched and explored options to help us manage the 40 tons of trash that enter our canals each year. After researching and vetting different solutions, we discovered a one-of-a-kind aquatic trash collector, WasteShark. This cutting-edge solution is produced by RanMarine, a company specializing in customized

WE’VE PLANNED SCOOP’S ROUTES TO TACKLE AREAS WITH HISTORICALLY LARGE AMOUNTS OF TRASH, SIGNIFICANTLY REDUCING THE HOURS OF MANUAL COLLECTION REQUIRED BY OUR TEAM.

solutions and sensors for sea, land, surface and aerial applications. “Working closely with RanMarine’s experts, we began a multi-year journey to bring this device to Valley Ranch, making IFCD 3 the first organization in Texas, and one of the first organizations in the states, to launch WasteShark.”



After multiple years of route creation, test runs and collaboration with RanMarine, we're proud to announce that IFCD 3's WasteShark, named "Scoop" by our community, officially went into operation during the 2022-2023 fiscal year! Moving forward, Scoop will "swim" strategically planned routes throughout our waterways to collect trash. We've planned Scoop's routes to tackle areas with historically large amounts of trash, significantly reducing the hours of manual collection required by our team. With Scoop taking care of trash collection in many parts of our canals, our team can repurpose their time for maintenance projects that ensure our facilities remain ready to handle severe weather.



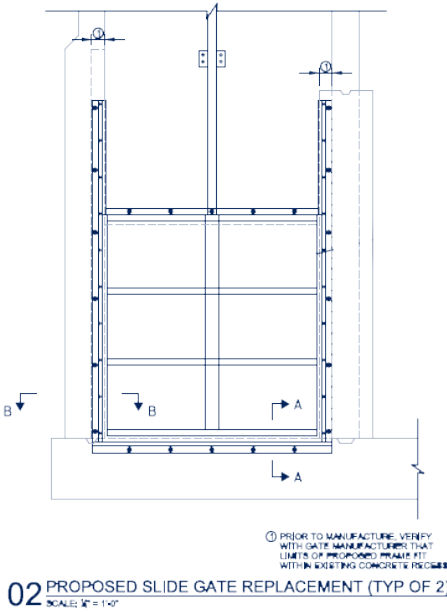
“As Valley Ranch and the City of Irving continue to grow, it's critical for local organizations to innovate, finding new ways to serve our residents and businesses,” said Al Zapanta, Irving City Councilman for District 6. “IFCD 3 continues to showcase our city’s pioneering mindset as they pursue new flood control tools. Its innovative spirit will prepare our community for generations to come.”

Scoop is just one example of our commitment to finding solutions that will continue to protect Valley Ranch from the Elm Fork of the Trinity River. Community members looking to learn more about Scoop can visit Ifcd3.org/scoop to access photos, read frequently asked questions, learn fun facts, and watch a video of Scoop in action.



News Briefs

Sluice Gates



While less visible than the pump station and canals that snake through Valley Ranch, there are many other tools IFCD 3 leverages to monitor and prevent flooding. Since constructing our facilities 40 years ago, we've utilized sluice gates, in tandem with our six pumps, to control how much water can flow through our canals before, during and after storms. Built to last decades, our existing sluice gates were constructed with extremely heavy, durable metals. While the gates successfully control water levels and limit our need to activate the pumps, they also require significant amount of electrical power to open and close.

IFCD 3 is working with third-party engineers to create much lighter, more efficient sluice gates that maintain the same level of durability. The new gates, expected to be installed in late 2024, will significantly reduce the amount of energy used by the District during storms, leading to reduced operational expenses and an extended lifespan of the newly refurbished pumps.





Pump Refurbishment

In 2021, IFCD 3 determined the need to update the 30+ year-old pumps located within the pump station. One by one, all six pumps were disassembled and reconstructed using lighter-weight, more durable materials that would reduce operational costs. As of September 2023, all six pumps were successfully refurbished and reinstalled. These improvements allow stormwater to be pumped at a faster rate, while using less energy, resulting in long-term savings for the District and its taxpayers.

Discharge Pipes

As expected from four decades of use, our team identified deterioration of the pump station's discharge pipes during a routine inspection. Recognizing that the pipes will need to be fully replaced, we used the opportunity to assess the best possible materials, coatings and installation methods to ensure the longevity of the new pipes.



With 80% of the pipes being located underground within the levee, the District recognized that this project would require significant planning and assessment to not disturb the levee. After putting out bids to multiple engineering firms, IFCD 3 awarded a contract for the rehabilitation of the discharge pipes. The rehabilitation will begin in spring 2024.

Financials

Total revenues of the District increased by 21.1% in fiscal year 2023 due to the increase in the tax revenue as a result of higher appraisal values and greater interest income due to greater investment balances and interest rates.

Total government-wide expenses of the District decreased by 16.96% in fiscal year 2023 due mainly to lower maintenance expenses.

2022-2023 Tax Rate

The approved tax rate for fiscal year 2022-2023 decreased 7.6% from fiscal year 2021-2022 at a rate of \$.1035 per \$100 valuation. This annual tax funds operation, preventative maintenance and inspection, and facilities repair for the District.

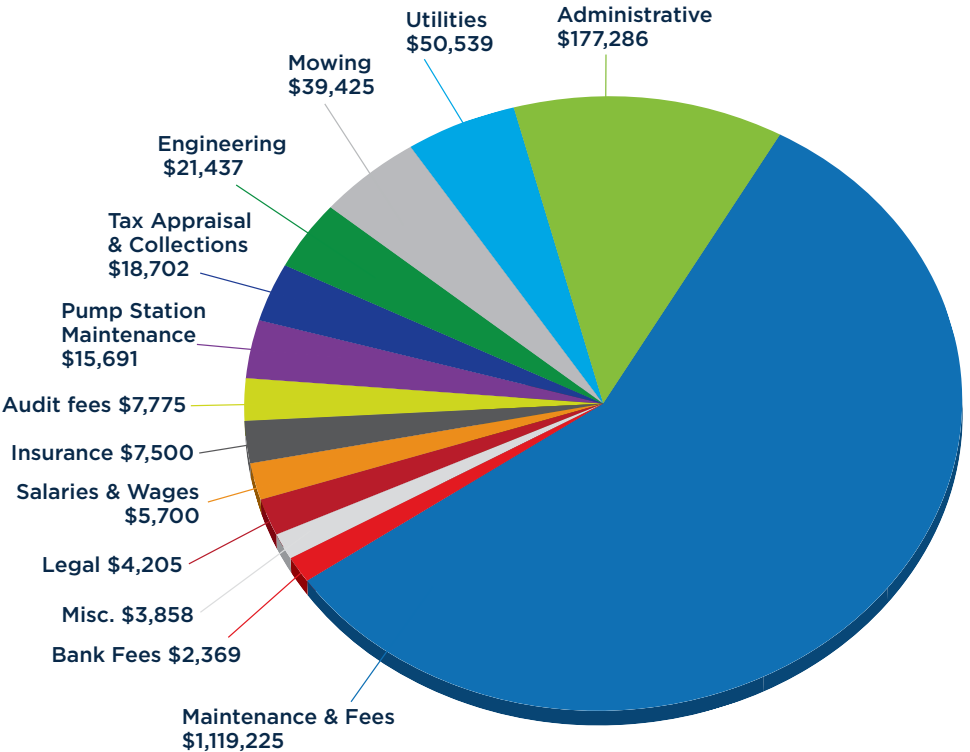
Total Revenue
\$3,616,503

Interest & Penalties: \$6,066
Investment Earnings: \$528,654



Total Expenditures

\$1,473,712



Connect With Us

IFCD 3 hosts monthly board meetings that are open to the public. These meetings continue to take place one Monday per month at 6:30 p.m. at the DCURD office. For reminders and updates, look for announcement posts on our Facebook and X pages.

If you see an issue that needs immediate attention, such as a problem in a pond or canal, call (972) 556-0625. If the situation is an emergency, please dial 911 and report the information to the City of Irving public safety officials.



@IrvingFloodControl



@IFCD3



www.IFCD3.org



PO BOX 140035
IRVING, TX 75014



972.556.0625



**IRVING FLOOD CONTROL DISTRICT
SECTION III
850 E. LAS COLINAS BLVD.
IRVING, TEXAS 75039**

2022-2023 ANNUAL REPORT