
INFRASTRUCTURE ADVISORY BOARD

Paul Flower, Chair David Gallo, Vice Chair Neil Abramson, Secretary
Elisa Speranza David Kerstein Karen Raymond Chuck Morse

December 12, 2024 | 2:00 pm

Woodward Design + Build
1000 S. Norman C. Francis Parkway, New Orleans LA, 70125

AGENDA

- I. Call to Order
- II. Approval of Agenda
- III. Approval of Minutes
- IV. Approval of Quarterly Report
- V. Presentation of Agenda
- VI. Presentations:
 - A. Fair Share Agreement Financial Update – City of New Orleans
 - B. Infrastructure Update – City of New Orleans, Department of Public Works
 - C. Infrastructure Update - Sewerage & Water Board of New Orleans
 - D. Drainage Consolidation Working Group Update
- VII. Public Comment
- VIII. Approval of 2025 Infrastructure Advisory Board Meeting Schedule

Q1 – March 27 th
Q2 -June 12 th
Q3 – September 11 th
Q4 – December 11 th

- IX. Other Business
- X. Adjournment

**MINUTES OF THE REGULAR MEETING OF THE
INFRASTRUCTURE ADVISORY BOARD
September 26, 2024**

The regular meeting of the Infrastructure Advisory Board (IAB) occurred on September 26, 2024 in-person at Woodward Design+Build – 2nd Floor, 1000 South Norman C. Francis Parkway, New Orleans, Louisiana.

The following IAB members were present:

1. Paul Flower, Chair
2. David Gallo, Vice-Chair
3. David Kerstein
4. Karen Raymond
5. Elisa Speranza

REGULAR ORDER OF BUSINESS

Call to Order. The Chair called the meeting to order at 2:00 p.m.

Approval of Agenda. The IAB unanimously approved the agenda.

Approval of Minutes. The IAB unanimously approved as written the minutes of the June 13, 2024 regular meeting.

Approval of Quarterly Report. The IAB unanimously approved the Quarterly Report.

Presentations. In order of appearance:

Eric Smith, Research and Special Projects Analyst for the Chief Administrative Office, City of New Orleans, revenue and allocations through August 2024, showing nearly identical collections from 2023 to 2024, aligning with previous estimates and projecting year-end collections at about \$22M for SWBNO, including a \$5M annual allocation. Mr. Smith noted July collections were significantly lower due to the City's recent revenue software change, and he anticipates August figures will account for any discrepancies.

Mr. Smith also shared a positive report from the Bureau of Government Research (BGR) issued on September 5, 2024, confirming that the Fair Share deal is generating significant recurring revenue for essential infrastructure improvements and that the IAB effectively oversees SWBNO's Fair Share expenditures. In response to Mr. Flower's inquiry about reviewing the current 75%-25% revenue split between the utility and DPW, Rick Hathaway, Director of the New Orleans Department of Public Works, indicated that the City is considering allocating 100% of the revenue to SWBNO for drainage system cleaning.

Rick Hathaway, Director, New Orleans Department of Public Works, reported on the Downtown Development District's (DDD) green infrastructure project, which was finalized in

February and is now under review by the DDD's engineer. Bidding will occur soon, but construction will start after Mardi Gras 2025. The project will now use permeable pavers instead of permeable pavement due to maintenance issues observed on other projects. However, the pavers are more cost-effective and require less cleaning.

Mr. Hathaway noted that in 2024, the IAB allocated nearly \$21M to the City from the IMF, primarily for DPW projects, including sidewalk improvements in the French Quarter and downtown, as well as ongoing streetlight repairs and signage.

Regarding catch basin cleaning, Mr. Smith reminded the Board that a notice to proceed was issued on February 14, 2024. Progress has exceeded expectations, with ten crews cleaning 6,190 catch basins and 569,092 linear feet of drain lines, removing 3.2 million pounds of debris. Since the unit contract came in under budget, DPW was able to increase the number of catch basins cleaned and extend work into November. Mr. Hathaway emphasized that this work will assist SWBNO by providing valuable data on timelines and costs, and the completion of the worst areas will make future cleanups easier.

Steve Nelson, Deputy General Superintendent, Engineering and Services, SWBNO, began his update with a report on paving progress. Mr. Nelson remarked on the significant impact of IAB funding on paving repairs noting that the backlog has only 500 open cuts compared to 3,019 in late 2023. The restoration timeline has dropped from 101 days to under 50 days. The goal remains to reduce backlog so that repairs can be made in 2-4 weeks, and that will be the parameters of success at the end of the year.

Rebecca Johnsey, Project Manager of Smart Metering, SWBNO, provided a Smart Metering update, reporting the replacement of over 48,000 meters citywide, with plans to install approximately half of the Smartmeters by the end of 2024. Ms. Johnsey highlighted customer education on common household leaks that can increase bills. She noted SWBNO's partnership with Job 1 to hire entry-level smart meter technicians, with 86 attendees participating in the hiring process. The Customer Portal will launch in October, enabling real-time usage tracking and easy communication with customer service.

Ms. Johnsey also updated the Board on the lead service line (LSL) replacement program, stating that a publicly available service line inventory will be live by October 16, 2024, and \$84M in State Revolving Funds will close in Q4 2024. Upcoming procurements include investigations and LSL replacements at schools and daycares, along with hiring a Program Manager for the LSL program. In response to Mr. Flower's inquiry about a November ballot amendment for SWBNO to work on private property, Renée Lapeyrolerie, Chief of Staff, indicated that further legislative convening is needed to address this.

Regarding pumping and power, Mr. Nelson noted that following Hurricane Francine, SWBNO has 67.5 MW available, with only 44 MW needed for peak demand, sourced from facilities ranging from 1908 to 2017. He highlighted issues with backup generators (EMDs) from 2017 and emphasized the importance of the Power Complex, which will provide 66 MW from a single source. Turbines 4, 5, and 6 remained operational during the storm, ensuring sufficient power for

pumps with redundancy. Currently, 90 of 97 pumps are functional, with efforts underway to restore larger non-functional pumps in across New Orleans East by early 2025.

Kaitlin Tymrak, Business Services and Program Management, General Superintendent's Office, SWBNO, Regarding the West Power Complex, foundation work for the frequency changers is underway, with three changers planned, the first of which was delivered in August. SWBNO is progressing well and remains on schedule. Ms. Tymrak shared that the Power Complex project meets strategic objectives to access a \$250M DOE Grant received by Louisiana through the Hubs for Energy Resilience Operations (HERO) initiative. SWBNO has applied for \$34M in funding, and recently, the City Council announced its partnership to provide matching funds.

Mr. Flower inquired about additional Fair Share funding and its potential allocation to this grant. Mr. Grey Lewis, Chief Financial Officer, SWBNO, stated they are awaiting final numbers to determine any additional funding needs outside the grant, with plans to follow up at the next IAB meeting. Mr. Hathaway clarified that the funding announced by City Council was pulled from DPW, meaning that \$3M from Fair Share, \$10M from DPW, and \$4M from capital projects is what will be comprise the match.

Grey Lewis, Chief Financial Officer, SWBNO, reported over \$70M revenue from Fair Share/IMF through June 2024. Major expenditures include SELA Drainage Projects (\$3.5M), Sycamore Filter Gallery Rehab (\$2.4M), and West Power Complex (\$9.9M) and Accelerated Paving Contracts (\$6.5M). Mr. Lewis presented a new funding request, asking for \$5.5M for critical water and sewer network repairs, detailing (1) \$2M to water O&M contract, (2) \$1.5M to Sewer O&M contract, and (3) \$2M to Water Capital contract. Mr. Lewis explained that funding will provide an immediate decrease in backlog of open work orders and address a specific, longstanding project of the HOV lane ramp at LaSalle and Poydras. Mr. Nelson explained that repairing these services will help with underground leaking and above ground flooding, the issue is that they require resources and funding to address. The IAB unanimously approved the request for funding.

Public Comment There was no public comment.

Other Business There was no other business.

Adjournment. The IAB adjourned the meeting at 2:57 PM.

QUARTERLY REPORT OF THE INFRASTRUCTURE ADVISORY BOARD

Third Quarter 2024

In accordance with its obligations under Executive Order LC 19-02 issued by Mayor LaToya Cantrell on August 6, 2019, and the Cooperative Endeavor Agreement between the City of New Orleans (“City”) and the Sewerage and Water Board of New Orleans (“SWBNO”) dated July 7, 2020, the Infrastructure Advisory Board (“IAB”) respectfully submits this report of actions undertaken during the third quarter of 2024 and recommendations offered for the fourth quarter of 2024.

I. IAB Meetings and Activities

The IAB met once during the Third quarter of 2024, convening September 26 in person. The complete meeting packet and a full recording of the meetings is available at:

1. [Full Meeting Packet](#)
2. [Recording of the September 26, 2024 IAB Meeting](#)

The IAB continues to monitor Fair Share Agreement collections as well as the progress of recommended projects. The highlighted sections below are the portions of the report pertaining to the Third Quarter.

Status of One-Time Funds

The status of the Fair Share Agreement one-time funds is delineated in the City’s presentation in connection with the September 26, 2024 IAB meeting, available at:

https://www2.swbno.org/documents/meetings/packets/packet_2201.pdf

II. Status of Recurring Revenue Under the Fair Share Agreement

The status of each revenue stream of the Fair Share Agreement is delineated in the City of New Orleans presentation, available at:

https://www2.swbno.org/documents/meetings/packets/packet_2201.pdf

III. IAB Project Recommendations for Use of Recurring Fair Share Agreement Funds

The IAB works with SWBNO to identify the highest and best uses for recurring Fair Share Agreement funds, with attentiveness to short-term needs and projects that will contribute to the longer-term sustainability of the system. The projects approved for funding utilizing Fair Share Agreement revenues are set forth in the document incorporated in the packet linked above.

A. *Automated Metering Infrastructure (AMI)* – The IAB recommended utilizing up to \$1,500,000 from the IMF to support AMI implementation, including the short-term engagement of supplemental meter readers, to provide more consistent, timely, and accurate customer billing. Phase 1 of the AMI project was meant to include a survey of the entire existing water meter infrastructure and determination of the proper scope of the eventual AMI solution. Due to limited IMF proceeds, SWBNO downsized the scope of Phase 1, moving some aspects to Phase 2, to make the project more affordable in the near term. The rescoping resulted from SWBNO’s efforts to identify which aspects of Phase 1 will generate the greatest benefits. SWBNO does not expect the rescoping to affect full AMI implementation, which is anticipated to cost approximately \$40 million.

B. The rescoped meter survey is complete, as is a business process analysis of all related SWBNO functions. The vendor implementation RFP was released in December 2021, and seven vendors responded. The SWBNO selection committee met in April 2022 and awarded the contract to Aquametric. SWBNO Board of Directors approved the award in May, and, after overcoming a bid protest, the final contract was approved by the Board on December 14.

Phase 2 – “Deployment” – began in 2023. For Phase 2, the IAB recommended utilizing up to \$15,000,000 from the IMF to support deployment after the initial funding is exhausted. The Smart Meter program management team is prioritizing increased staffing for community outreach, installation of a SWBNO-owned network for signal transmission, and ordering meters and equipment to get ahead of anticipated supply chain delays. As of September 2023, sufficient network infrastructure has been installed to begin meter installation, integration with SWBNO’s billing system is underway, and commencement of a slow start of meter installations has occurred. The customer portal integration is planned to begin in Q1 2024 with deployment in Q3 2024. . The IAB has recommended utilizing an additional \$2,500,000 to the original \$1,500,000 for a total of \$4,000,000 recommendation to support the consultant contract to deliver AMI. A slow start of meter installations began in the fourth quarter with planned installations for roughly half of the meter population in the coming fiscal year. The slow start installation was designed to ensure that all processes and procedures were in place and operating as designed. It allowed for QA/QC and testing of all integrations ensuring data accuracy. Based on the City’s unique infrastructure and field conditions, it also allowed for lessons learned to be incorporated into standard operating procedures for use by the future larger staff of installers. The slow start began with approximately 100 installations a week in September and has ramped

up to 900 a week. Full pace installations are approximately 1250 per week (5000 per month) and should be on pace in Q2 2024. As of the end of Q1 2024 approximately 10,000 installations were completed with the expectation to install approximately 70,000 – 75,000 by the end of the year. The new Customer Portal which is being launched in connection with smart metering is schedule to be available for use in early Fall. As of Q2 2024, 21,000 meters have been replaced with smart metering and the pace continues to track towards roughly half the overall customer population being completed by year end. Billing from smart meters has commenced and approximately 3,000 leak detection letters have been sent to customers with immediate cost savings being realized by the customers and the Utility. As of Q3 2024 SWBNO has replaced 45,000 meters and is on track for half the population or 70,000 meters by the end of 2024. Extensive customer outreach and education continues and the launch of a new customer online account platform is planned next quarter.

C. *Master Plan* – The IAB recommended utilizing up to \$500,000 from the IMF to support development of a Master Plan. The Master Plan constitutes the blueprint for SWBNO’s long-term, comprehensive, integrated, sustainable vision for managing the City’s water, sewer, and major drainage systems for years to come.

After a competitive proposal process, a contract for a Utility Strategic Plan—a critical step in the development of a comprehensive Master Plan—was awarded to a team led by Raftelis Financial Consultants, Inc. and approved by SWBNO Board of Directors on May 19, 2021. IAB Member Elisa Speranza served as a volunteer member of the evaluation committee.

Raftelis led an intensive and comprehensive process over the past six months that included SWBNO leadership, workforce, Board members, partner agencies and stakeholders. The strategic plan, which covers priorities, strategies and tasks for implementation over the next five years, was adopted by SWBNO Board of Directors in February. SWBNO leadership is sharing the plan with stakeholders and the community over the next several months.

Implementation of strategic plan tasks began in earnest in Q2, including identification and tracking of goal-related performance metrics. A public-facing dashboard reflecting progress toward goals was unveiled at the SWBNO Strategy Committee meeting last month and will be the primary tool for metric tracking moving forward.

Now that the Strategic Plan is complete, SWBNO will turn toward master planning efforts for each of its three systems (water, wastewater, drainage). The utility put out an RFP for a water system master plan, focusing on the renovation of the Carrollton

and Algiers water purification plants, this year. Based on the results of the RFP, SWBNO has requested Fair Share funds of \$1,500,000 to support Water Master plan which was approved in December 2023. The Water Master plan commenced in April with an expected 18–24-month duration with recommendations expected for investment in the treatment system considering the latest federal regulations and climate risks.

D. *Water Treatment Plant – Sycamore Filter Gallery* – This high-priority project is part of an effort to upgrade many aspects of the Carrollton and Algiers water treatment plants, for which SWBNO is seeking federal funding from the Infrastructure Investment and Jobs Act as well as the Water Sector Commission. Work on this project was substantially completed in the early fall. In December 2023, SWBNO requested and the IAB approved a Phase 2 allocation of \$3,000,000 to continue with similar work on the Sycamore Filter Gallery. As of Q2 2024, the Phase 2 work on the filter gallery continues to be underway with completion occurring in Q3 2024.

E. *SELA Algiers Drainage Project* – The IAB recommended utilizing \$1,030,625 from the IMF to support the Algiers drainage project. As previously reported, SWBNO is participating in a federally funded SELA construction project improving Algiers drainage canals and increasing stormwater storage during rain events. As part of the agreement with the U.S. Army Corps of Engineers, SWBNO paid 5% of the project costs up-front, amounting to \$1,030,625; this unlocked approximately \$25 million in additional funding from the federal government. As the Corps continues to receive federal funding for this project, SWBNO is obligated to pay the matching 5% up-front cost. The IAB approved an additional \$2,486,836 for that payment in the second quarter of 2021.

F. *Stormwater Fee Study* – The IAB recommended utilizing up to \$250,000 from the IMF to support a Stormwater Fee Study. A stormwater fee study would include a full analysis of the rate structure, assessment methodology, affordability, equity, incentives, and timing of a potential stormwater management fee. This study will allow for the design of an equitable, sufficient, and reliable recurring revenue source to support New Orleans’ drainage infrastructure and the implementation of best management practices, including green infrastructure. At the behest and recommendation of the IAB and SWBNO, a group of dedicated business, civic, and community organizations have begun to work collaboratively on a plan to bring the stormwater management fee to fruition. To aid that effort, SWBNO has requested a substantive update to the 2016 stormwater fee feasibility report prepared by

consultant Raftelis. A synopsis of the update was presented by Raftelis at the September 14 meeting and covered a general consensus on the need for additional funding, a phased in or gradual approach to transition over time to a more equitable fee-based revenue stream and the need to raise capital through issuance of bonds to fund additional investments in the Drainage program using fee revenue to service new debt. In December 2023, SWBNO requested and the IAB approved \$200,000 to continue with the next phase of an expanded stormwater fee study which has been contracted also thru Raftelis and continued in the first, second and third quarter of 2024 with the full allocation being utilized by Raftelis.

G. *Turbine 7 (T7) Solution* – As part of an ongoing effort to address chronic shortfalls of availability of power generation to support SWBNO operations, the IAB recommended utilizing up to \$4,000,000 from the IMF to support a procurement of a new turbine dubbed “T7.”

T7, along with T6, will become the sources of backup power generation for the utility once the Entergy substation is constructed. In the meantime, T7 will replace the outdated steam turbine generators (T1 and T3) that have been decommissioned. Equipment, site preparation work, and installation of T7 is expected to cost approximately \$18 million to \$20 million. Funding for this project has been approved, and the environmental permitting process is complete. The RFP for equipment and installation was released in December 2021, and the selected vendor was approved by SWBNO’s Board in early 2022. The turbine components were delivered to the site in October and November 2024, with electrical and mechanical installation in progress.

H. *West Power Complex Construction* – The West Power Complex is comprised of an electric substation connecting SWBNO’s plant directly to Entergy’s transmission line, as well as a modernized backup power generation system powered by Turbines 6 and 7. Construction of the new power campus, which also includes three frequency changers, an operations center, and a “utility rack” to connect the Entergy power to SWBNO’s assets, will cost around \$250 million. Funds from the project will come from numerous sources, including state Capital Outlay funds, federal earmarks, CDBG and HMPG funds, the City of New Orleans, and SWBNO’s own system funds. The IAB has also committed \$20M from its recurring revenue to help fund construction in 2023 including Contracts 1440 and 1427 for transformer and auxiliary power support, and contract 1447 for boiler room fan modifications. Project groundbreaking was on Monday, December 5, 2022. A key installation contract (Contract 1420) which is the last

major contract of Phase I is funded via multiple sources including IMF, federal and local partners with a request being made for \$10M of Fair Share additional funding to provide the necessary funding sources to award the contract. The Fair Share additional funding of \$10M for Contract 1420 was approved at the March 2024 meeting and facilitated the contract award and supplements additional funding committed by the City for the critical Power complex project. **As of Q2 2024, the City was finalizing the CEA with the updated \$21M of funding committed to Contract 1420 and in late Q3 2024 the full \$21m was received.**

I. *Deferral of Funding for Bulk Chemical Feed and Storage Facility and New River Intake Fender System to Prioritize West Power Complex Funding – The Carrollton Water Plant currently lacks adequate bulk storage facilities with capacity and modernization to more efficiently purchase water purification chemicals. The lack of adequate storage facilities causes more frequent delivery and dependency on trucked-in chemicals. The IAB had committed \$4M from the IMF to start the demolition and site preparation stages of the overall project. Additionally, in December 2023, SWBNO requested and IAB approved \$6,000,000, to address a longstanding issue created by SWBNO intake fender system being struck by ships on the river which protects the raw water intake infrastructure at the New River Intake. The goal is to invest in the upkeep and operability of the fender system to limit the recurring spending for other short-term measures to protect the infrastructure. However, in Q1 the SWBNO requested an additional \$10 million to fund the Phase I Installation Contract for the West Power Complex. The IAB agreed to fund this request by deferring funding for the two above mentioned projects until late 2024 or early 2025 and reallocating \$10 million to allow for additional funding for the West Power Complex. The IAB further required that, in the event the City fully funds the approximately \$20 million currently required for the West Power Complex, the SWBNO must reserve the \$10 million as a contingency amount for any future West Power Complex requirements until this phase of the complex is complete and this contingency is not needed.*

J. *Asset Management System – As part of technology modernization in the Strategic Plan of SWBNO developing a needs assessment and RFP for a new modern work order and asset management system will greatly enhance SWBNO ability to perform preventative maintenance activities. The IAB committed funding of \$1.65 million to allow for the pursuit of the needs assessment/RFP and ultimate purchase and implementation of a new system with a consultant being selected through a list of qualified engineering consulting firms with expertise in technology and asset management systems. Contracting with the selected engineering consulting firms is*

underway as of the end of Q1 2024. As of Q3 2024, the needs assessment is progressing with plans for the first of 2 planned RFPs (representing phases of asset management) to be prepared by the end of 2024.

K. *Acceleration of External Contractor Paving Contracts* – Open surface cut backlog throughout the City has persisted due to a lack of funding with multiple efforts being undertaken in 2023 with assistance from DPW, 2 external paving contractors and an internal SWBNO paving crew. Additional IAB funding was committed from the IMF fund of \$4m to augment the number of paving work orders which can be addressed by the external contractors based on their proven performance at reducing the work order backlog with additional funding committed to their contracts. SWBNO has expended 55% of allocated funding and been able to reduce backlog at a rate of approximately 100 work orders each week from ramping up contractors and adding internal resources. The goal is to have the backlog reduced to 1,000 by year end. SWBNO also reported a 20% reduction experienced over 2022 response times for paving repairs via utilization of the funding, additional equipment investments and DPW separate paving contract. In December 2023, SWBNO requested and the IAB approved a Phase 2 allocation of \$4,000,000 to continue with incremental efforts to reduce the paving backlog in FY24 by providing financial resources to accelerate paving contracts and work orders accomplished. As of Q1 2024 the backlog had been reduced to under 1500, with the progress directly attributed to the additional work orders able to be accomplished with the initial \$4M provided by IMF. Response times have dropped from 101 day to 71 days with continued focus and renewals of paving contracts are on pace to spend the Phase 2 allocation of \$4M by year end. The additional funding is allowing for the reduction in overall response time for pavement restoration to 2-4 weeks and fully eliminating the pavement restoration backlog. As of Q2 2024, the paving backlog was 850 compared to 3,000+ in late 2023 with further reduction expected in 2024. As of Q3 2024, the paving backlog was approximately 500 workorders with average payment restoration timeline reduced to 50 days from 100+ in 2023.



Infrastructure Advisory Board CNO Update

December 12, 2024

Agenda

- 1) Infrastructure Maintenance Fund (IMF)
 - IMF Revenue and Allocations through September
- 2) Capital Outlay and Project Status
 - DDD Drainage
 - Other Operating
 - 2025 Proposed Budget



1

Infrastructure Maintenance Fund

Revenue and Allocations through September

October 2024 reconciliation has not yet been completed by Finance

Historical				2023						2024				
2020 Total	2021 Total	2022 Total		SWB Lost Penny	SWB STR Equalization	DPW Lost Penny	DPW STR Equalization	NOCO STR Occupancy		SWB Lost Penny	SWB STR Equalization	DPW Lost Penny	DPW STR Equalization	NOCO STR Occupancy
\$ 1,486,294	\$ 452,109	\$ 1,833,251	Jan	\$ 859,557	\$ 612,343	\$ 286,519	\$ 204,114	\$ 266,709	Jan	\$ 774,224	\$ 615,435	\$ 258,075	\$ 205,145	\$ 97,548
\$ 1,077,744	\$ 623,551	\$ 1,878,216	Feb	\$ 636,118	\$ 929,011	\$ 212,039	\$ 309,670	\$ 404,635	Feb	\$ 722,102	\$ 873,041	\$ 240,701	\$ 291,014	\$ 550,766
\$ 1,003,376	\$ 1,106,283	\$ 2,459,645	Mar	\$ 990,124	\$ 781,764	\$ 330,041	\$ 260,588	\$ 340,501	Mar	\$ 1,049,515	\$ 123,981	\$ 349,838	\$ 41,327	\$ 54,000
\$ 366,814	\$ 1,353,010	\$ 2,774,343	Apr	\$ 1,148,820	\$ 707,709	\$ 382,940	\$ 235,903	\$ 308,246	Apr	\$ 1,089,210	\$ 1,372,546	\$ 363,070	\$ 457,515	\$ 597,820
\$ 302,088	\$ 1,393,270	\$ 2,698,016	May	\$ 972,494	\$ 568,224	\$ 324,164	\$ 189,408	\$ 247,493	May	\$ 976,072	\$ 548,411	\$ 325,357	\$ 180,804	\$ 238,864
\$ 107,636	\$ 1,262,729	\$ 2,303,276	Jun	\$ 979,698	\$ 541,388	\$ 326,566	\$ 180,462	\$ 235,804	Jun	\$ 1,016,309	\$ 530,418	\$ 338,770	\$ 176,806	\$ 231,026
\$ 89,956	\$ 1,650,708	\$ 1,534,397	Jul	\$ 680,890	\$ 465,932	\$ 226,963	\$ 155,310	\$ 202,939	Jul	\$ 514,663	\$ 43,291	\$ 171,554	\$ 14,430	\$ 18,856
\$ 165,654	\$ 1,693,468	\$ 3,388,313	Aug	\$ 562,796	\$ 447,680	\$ 187,598	\$ 149,226	\$ 194,989	Aug	\$ 588,267	\$ 439,016	\$ 196,089	\$ 146,339	\$ 191,157
\$ 151,422	\$ 516,150	\$ 1,685,635	Sept	\$ 383,491	\$ 589,814	\$ 127,830	\$ 196,604	\$ 256,896	Sept	\$ 460,565	\$ 32,986	\$ 153,522	\$ 10,995	\$ 14,367
\$ 257,901	\$ 1,182,378	\$ 1,905,499	Oct	\$ 580,027	\$ 521,874	\$ 192,342	\$ 172,958	\$ 227,305	Oct					
\$ 378,478	\$ 1,241,491	\$ 2,518,865	Nov	\$ 918,312	\$ 91,507	\$ 306,104	\$ 30,502	\$ 39,856	Nov					
\$ 501,028	\$ 1,952,044	\$ 2,221,038	Dec	\$ 833,096	\$ 1,130,508	\$ 277,698	\$ 376,836	\$ 492,399	Dec					
\$ 5,888,391	\$ 14,427,191	\$ 27,200,494	Total	\$ 9,545,423	\$ 7,387,754	\$ 3,180,804	\$ 2,461,581	\$ 3,217,772	Total	\$ 7,190,926	\$ 4,579,124	\$ 2,396,976	\$ 1,524,375	\$ 1,994,404

	2022 (as of 10/1)	2023 (as of 10/1)	2024 (as of 10/1)	2023 FY	2024 FY Est.
SWBNO	\$ 13,175,282	\$ 12,857,853	\$ 11,770,051	\$ 21,933,177	\$ 22,250,000
DPW	\$ 4,391,759	\$ 4,285,945	\$ 3,921,350	\$ 5,642,385	\$ 5,750,000

2

Capital Outlay and Project Status Update

DDD Drainage Improvements

Drainage improvements and installation of permeable pavement where feasible over 18 block area

Timeline

- Plans completed – February 2024
- Revised 100% Plans – August 2024
- Construction estimated to begin post-Mardi Gras



Infrastructure Maintenance Fund 2024

*\$28M was budgeted from the Infrastructure Maintenance Fund in 2024.
\$23M to SWBNO.*

Streetlight Technology Pilots

- Four firms
- All contain smart technologies
- Zones
 - N. Poydras corridor
 - Elysian Fields & Interstate 10
 - Allen Toussaint Blvd
 - Morrison Rd.

Other Operating

- Concrete and specialty sidewalk repairs
- New signage
- Streetlight repair contracts manager
- ROW contracts
- Heavy equipment

Proposed 2025 Budget

2025 budget has passed but final budget not yet posted online

Other Operating - \$28M

- DPW - \$5M
- SWBNO - \$23M
- No change from 2024

Personnel Services - \$3.2M

- \$1.2M increase from 2024
- 12 new positions (32 to 44)



Questions?

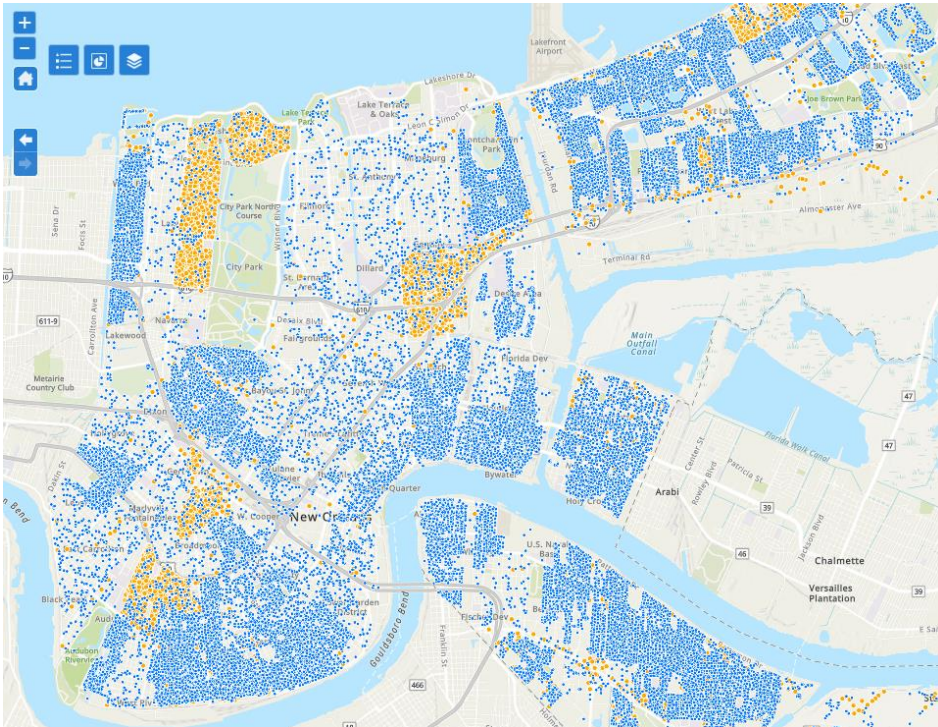
Infrastructure Advisory Board

Quarterly Meeting
December 12, 2024



Installation Progress

- Over 68,000 meters installed
 - 48% of population
- Over 31% of customers have had a continuous usage event since installation
 - Continuous usage = potential leak
 - Proactively notifying customers, 46% have repaired their leaks
- Celebration of our 70,000th smart meter install



● Installation Completed

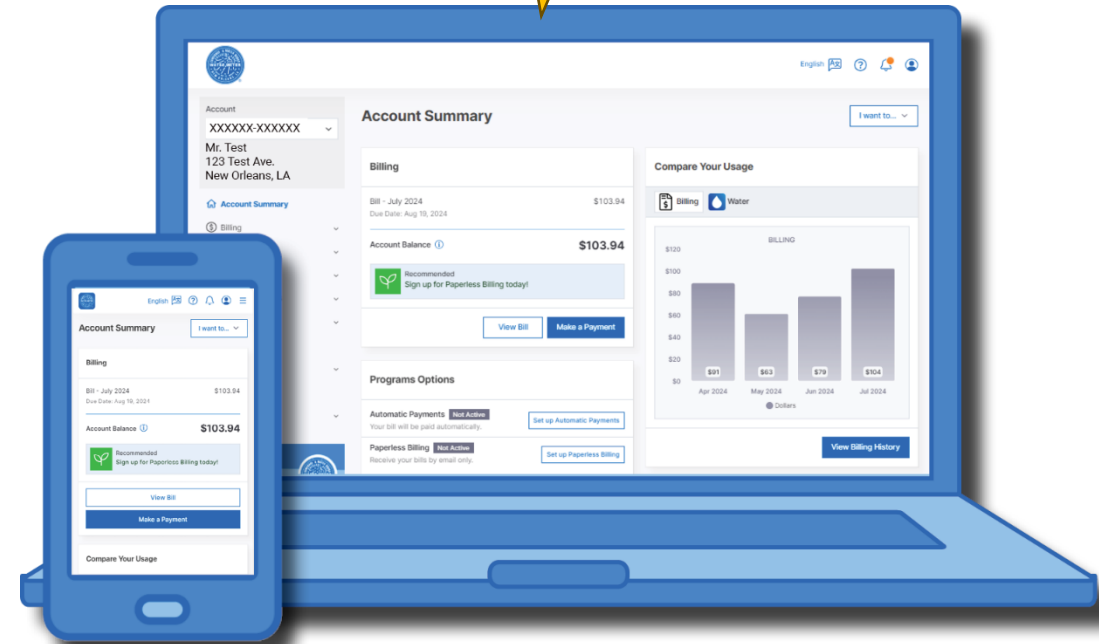
● Installation to be completed within next 3 months



New Online Customer Account

**NOW
LIVE!**

- Available to all customers
- **Action required** to activate online account
 - Did not carry over payment info
- User Alerts such as potential leaks and bill tracking available
- Registrations as of December 11: 43,420
 - 51% of past users re-signed up in 28 days since launch



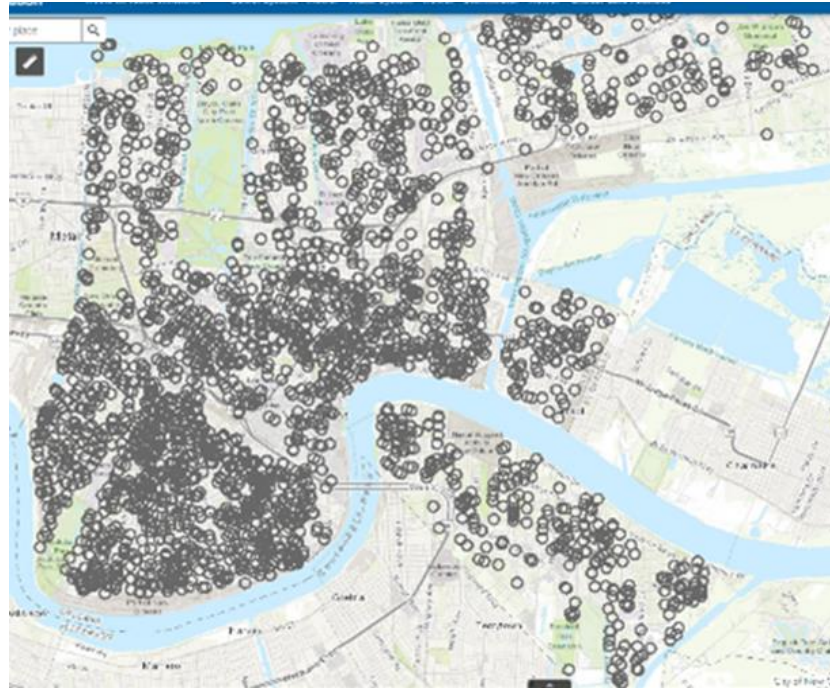


Prioritizing Pavement Progress

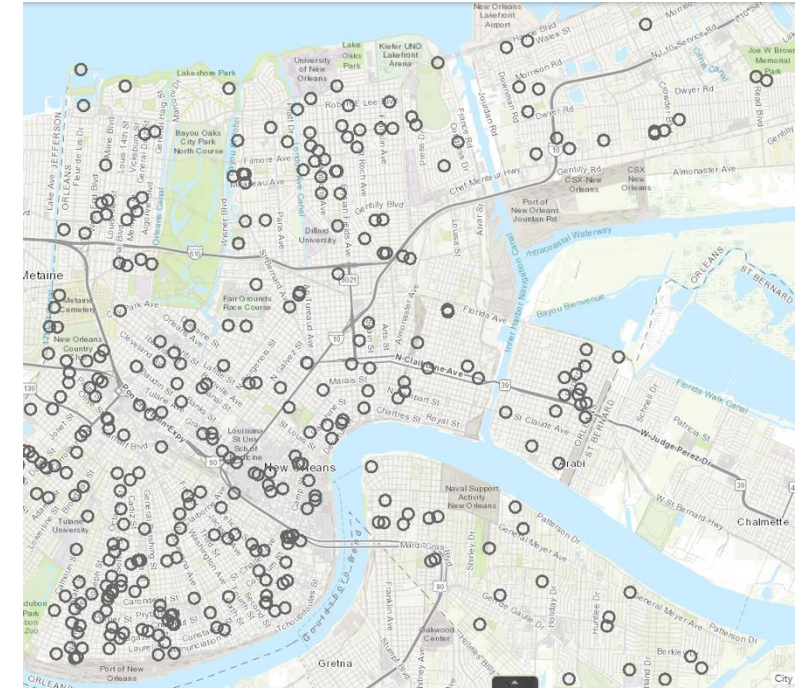
*Paving repairs backlog
around **340** compared to
3000+ in late 2023*

*Paving restoration timeline is
50 days compared to
100+ days in 2023*

Goal: to reduce backlog
which means repairs can be
completed within 2-4 weeks



Paving backlog from 6/21/2023

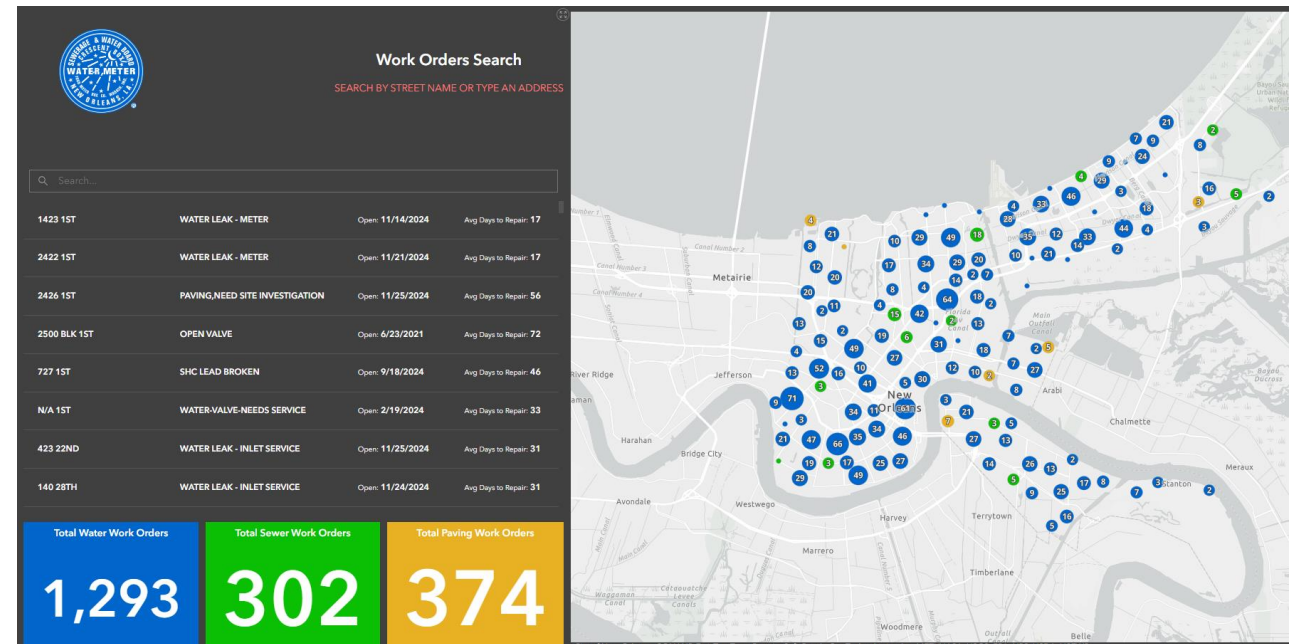


Paving backlog from 12/4/2024



Water and Sewer Open Work Orders

- Data from 12/4/2024
 - 1,499 water work orders including:
 - Water main and manhole repairs
 - Services (inlet and outlet repairs)
 - Hydrant repairs
 - Water valve repairs
 - 260 sewer work orders including:
 - Sewer main and house connection repairs
 - Sewer line cleaning and manhole repairs



\$3.5M in IAB funding approved in Q3 was applied to water and sewer O&M contracts to continue at current work completion pacing – 28,000 work orders closed to date (including paving)

HOV Lane Leak Repair (\$2M Water Capital funds)



Water Quality Master Plan

- Lead and galvanized pipe testing to evaluate corrosion control technologies and effects of increased chlorides



Lead Service Line Replacement Program

Lead Line Inventory went live Oct 15th

\$86M in State Revolving Funds

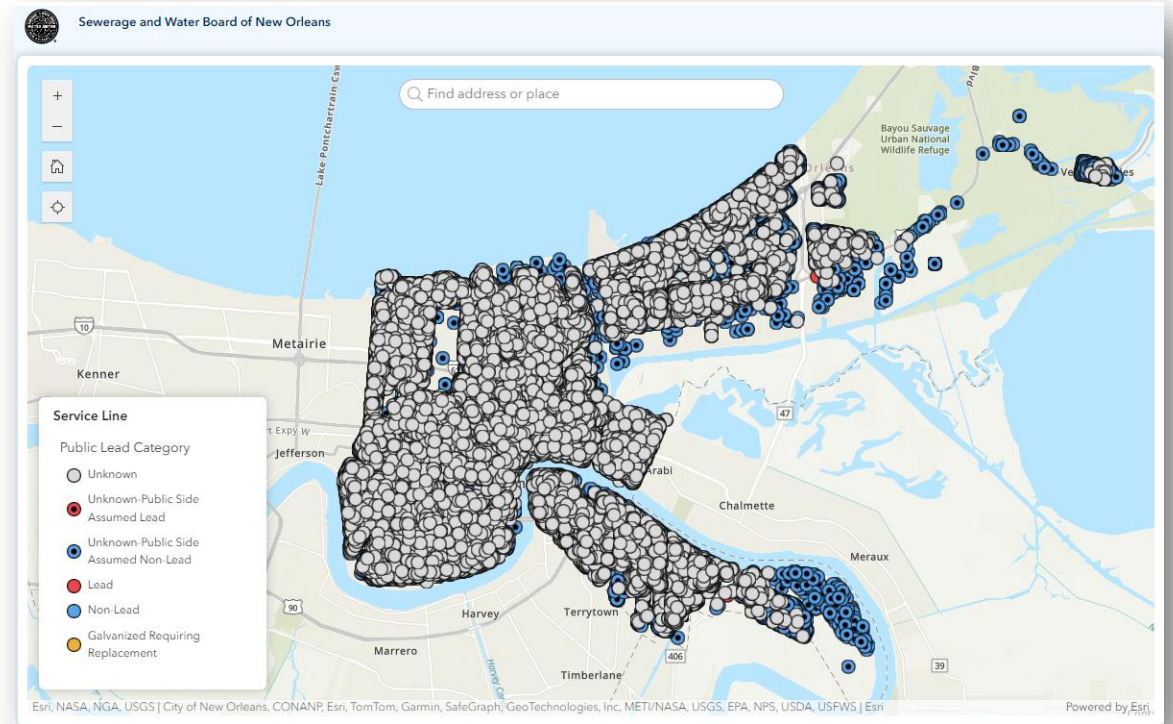
- Loan closes December 2024

\$66M State Revolving Fund Application

- Moving forward with application upon SWBNO Board approval

Bidding December 2024:

- Contract for Potholing and LSL Replacements at Schools and Daycares
- RFP for Program Manager for the LSL Replacement Program





The Power Complex

- Anticipated to come online in summer 2025
- Turbine 7 delivered
 - Installation will continue through December
- Utility Rack cabling installation is ongoing
- Static Frequency changer 1 and 2 have been delivered
 - Static Frequency changer 3 is scheduled for delivery next week
- DOE Grant secured through DNR
 - Next Steps: Subrecipient agreement





Louisiana HERO Program

- Louisiana Hubs for Energy Resilient Operations
- \$250M program from DOE – GRIP funding awarded to State of Louisiana
- Power Complex project meets strategic objectives of enhanced emergency response and grid upgrades for mission-critical facilities
- \$34M application submitted
 - 50% matching funds required; work through local subrecipient



The Louisiana Hubs for Energy Resilient Operations (HERO) Initiative will establish a foundational approach for accelerating more abundant, affordable, and reliable clean energy for greater power resilience across the state.



Infrastructure Maintenance Fund Status

- Total Revenues inception to date: **\$72,864,409** (thru September)
- Total Expenditures inception to date: **\$36,121,909**
- Allocated to IMF Projects (awarded or designed contracts):
\$65,043,732
- Major expenditures to date:
- Critical Network Distribution Repairs \$5.5m
- Accelerated Paving Contracts \$7m
- Power Complex - \$11.8m

Month	IMF Revenue
July 2024	\$.56M
August 2024	\$1.02M
September 2024	\$.49M



Potential Future Funding Requests – FY25

- FY25 Smart Metering Project Completion and Change Order Contingency - \$8m +
- FY25 Drainage Stormwater Rate Study - \$TBD
- FY25 Power Complex \$3m matching Funds for HERO Program + Overall Contingency Funds
- FY25 Critical Water & Sewer Distribution Network Repairs - \$TBD

Report of Revenue and Expenditures made pursuant to the CEA (R-079-2020)
Infrastructure Maintenance Fund
December 2024

REVENUES:

Notification			
Date	Period of Collection		Amount
9/16/2020	Inception to July	2020	\$6,225,937
10/30/2020	August	2020	124,241
11/18/2020	September	2020	113,567
12/11/2020	October	2020	193,427
1/21/2021	November	2020	283,861
2/3/2021	December	2020	375,772
3/12/2021	January	2021	339,083
4/9/2021	February	2021	467,665
5/7/2021	March	2021	489,066
7/30/2021	April	2021	831,941
7/30/2021	May	2021	867,499
9/29/2021	June	2021	859,495
9/29/2021	July	2021	1,037,999
11/23/2021	August	2021	1,076,227
11/23/2021	September	2021	367,756
2/4/2022	October	2021	811,584
2/4/2022	November	2021	906,411
2/22/2022	December	2021	1,267,007
2/16/2022	January	2022	1,192,533
4/14/2022	February	2022	1,162,811
4/14/2022	March	2022	1,573,525
6/1/2022	April	2022	1,803,796
6/13/2022	May	2022	1,797,916
7/15/2022	June	2022	1,531,207
8/24/2022	July	2022	1,119,291
10/20/2022	August	2022	1,930,992
10/24/2022	September	2022	1,063,217
11/28/2022	October	2022	1,222,930
1/18/2023	November	2022	1,663,964
1/23/2023	December	2022	1,460,455
2/17/2023	January	2023	1,471,901
3/16/2023	February	2023	1,565,128
4/21/2023	March	2023	1,771,889
5/18/2023	April	2023	1,856,530
6/23/2023	May	2023	1,540,719
6/5/2023	Special Allocation FY23	2023	5,000,000
8/17/2023	June	2023	1,521,086
8/17/2023	July	2023	1,146,823
9/20/2023	August	2023	1,010,476
10/23/2023	September	2023	973,306
12/1/2023	October	2023	1,101,902
1/9/2024	November	2023	1,009,820
2/2/2024	December	2023	1,963,605
3/15/2024	January - Corrected	2024	1,389,659
5/2/2024	February	2024	1,595,143
2/1/2024	Special Allocation FY23	2024	5,000,000
5/3/2024	March	2024	1,173,496
6/18/2024	April	2024	2,461,756
7/17/2024	May	2024	1,524,484
8/26/2024	June	2024	1,546,727
10/10/2024	July	2024	557,954
10/8/2024	August	2024	1,027,282
11/20/2024	September	2024	493,550
TOTAL REVENUES			\$72,864,409

EXPENDITURES:

Date	Description	Amount
7/24/2020	5% cash payment required to match current year federal funding for the SELA Program, due 8/1/2020	\$1,030,625
12/30/2020	Olameter Corporation Contract for Meter Reading Services for Contract Readers. August Thru December 2020	410,788
2/22/2021	Olameter Corporation Contract for Meter Reading Services for Contract Readers. Revised September 2020 Invoice	13,801
2/22/2021	Olameter Corporation Contract for Meter Reading Services for Contract Readers. January 2021	70,263
6/30/2021	5% cash payment required to match current year federal funding for the SELA Program	2,486,836
January 2022	Asset Management assessment project for establishing a strategy for procurement and needs assessment	130,940
	Pre FY23	\$4,143,255
Cumulative thru December 2024	Raftelis Financial Consultants Contract for Consulting Services for Utility Strategic Planning.	529,080
Cumulative thru December 2024	Smart metering design and program management	4,589,617
Cumulative thru December 2024	Sycamore Filter Gallery water purification rehabilitation	2,510,621
Cumulative thru December 2024	Raftelis Financial Consultants Contract for Stormwater Fee Study	440,795
Cumulative thru December 2024	Design costs related to the acquisition of Turbine 7	2,231,629
Cumulative thru December 2024	Power Complex Contracts (Auxiliary Power system and step up transformers)	9,545,973
Cumulative thru December 2024	Acceleration of Paving Contracts	6,500,000
Cumulative thru December 2024	Critical Water and Sewer Network Distribution Repairs	5,500,000
Cumulative thru December 2024	Asset Management RFP Planning and Needs Assessment	130,940
	FY23, FY24 to date	\$31,978,654
TOTAL EXPENDITURES		\$36,121,909
Amounts Available for IAB Projects		\$36,742,500

Line							2023				2024				2025				Beginning Fund Balance 1/1/23		27,044,139			
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
1	Total Estimated Revenue to SWBNO																							
2	Proposed revenue allocation ² :																							
3	Ongoing Infrastructure Improvements (A)																							
4	Infrastructure Modernization and Technological Improvements (B)																							
5	Infrastructure Power Complex (C)																							
6																								
7																								
8																								
9																								
10	Project List:						Type	Project status	IAB Status	Project Amount	Expended inception to date at 1/1													
11	Asset management software system						(B)	assessment	approved	1,650,000	(130,940)		-	-	-						(1,499,881)			
12	Acceleration of Paving Contracts						(A)	ongoing	approved	4,000,000			(2,000,000)	(1,000,000)	(1,000,000)						(4,000,000)			
13	FY24 Acceleration of Paving Contracts (Continuation)						(B)	ongoing	approved	4,000,000					(1,250,000)	(1,250,000)	(1,000,000)	(500,000)			(4,000,000)			
14	Water Treatment Plan Improvements: Sycamore Filter Gallery						(A)	ongoing	approved	3,000,000	-	(1,000,000)	(455,924)	(288,787)	(348,005)	(257,461)		(160,444)			(2,510,620)			
15	Construction of a new Bulk Chemical Feed and Storage Facility						(A)	planning	approved	4,000,000	-							(1,000,000)	(1,000,000)	(2,000,000)	(4,000,000)			
16	FY24 - Replacement of New River Intake Fender System						(A)	planning	approved	6,000,000									(6,000,000)		(6,000,000)			
17	FY24 - Water Treatment Plan Improvements: Sycamore Filter Gallery (Continuation)						(A)	ongoing	approved	3,000,000							(125,000)	(125,000)	(1,450,000)	(750,000)	(500,000)	(2,950,000)		
18	Smart Metering Program Management						(B)	ongoing	approved	4,000,000	(1,461,673)	(101,572)	(283,663)	(429,473)	(455,687)	(490,000)	(469,000)	(539,433)	(359,116)			(4,589,617)		
19	Smart Metering Implementation ¹						(B)	ongoing	approved	15,000,000									(5,000,000)	(5,000,000)	(5,000,000)	(15,000,000)		
20	Master Plan/Strategic Plan						(B)	ongoing	approved	500,000	(529,080)											(529,080)		
21	FY24 - Water Quality Master Plan						(B)	new	approved	1,500,000								(266,000)	-	(250,000)	(250,000)	(125,000)	(60,000)	(951,000)
22	Drainage Stormwater Fee Study						(B)	ongoing	approved	250,000	-		(245,795)	-									(245,795)	
23	FY24 - Drainage Stormwater Fee Analysis (Continuation)						(B)	ongoing	approved	200,000							(50,000)	(50,000)	(95,000)				(195,000)	
24	T7 Solution						(C)	ongoing	approved	4,000,000	(1,246,195)	(218,947)	(180,326)	(332,114)	(217,077)			(50,000)	-	(350,000)	(300,000)	(300,000)		(3,194,659)
25	Power Complex integration and auxiliary components ¹						(C)	ongoing	approved	20,000,000	-	(1,907,125)	(1,216,000)	(1,824,000)	(904,263)	(1,180,692)	(115,000)	(365,000)	(1,826,000)	(3,000,000)	(3,500,000)	(3,500,000)		(19,338,080)
26	FY24 Supplemental support for Power Complex Phase I - Installation and Commissioning Contract 1420 ³						(C)	ongoing	approved	10,000,000									(2,500,000)	(2,500,000)	(2,500,000)	(2,500,000)		(10,000,000)
	FY24 Augmentation of Water Capital Repairs and Water and Sewer O&M Repairs						(B)	ongoing	approved	5,500,000								(5,500,000)						(5,500,000)
27	Total - Currently approved IAB project list									84,950,000														
28																								
29	New Allocations Requested Q4 2024																							
30																						Total Expenditures:	(84,503,732)	
																						Projected Fund Balance 12/31/2025	9,143,421	
31	Other Potential Future Projects FY25:																							
32	FY25 Smart Metering Project Completion \$8m																							
32	FY25 Drainage Stormwater Rate Study - \$TBD																							
33	FY24 Budgeted \$10m WPC change order and other misc.																							

¹ Portion of estimated costs to supplement overall Project funding needs (Fair Share funding to be utilized after other funding sources required to be spent first are exhausted)

² Allocation of IMF revenues used only for purposes of creating categories of potential types of infrastructure projects

³ Contract 1420 \$10m allocation used to bridge financing plan with additional City funding (\$21m) committed to SWBNO - CEA for \$21m completed in August 2024 freeing up this funding for other Power Complex Contingent Costs