
INFRASTRUCTURE ADVISORY BOARD

Paul Flower, Chair Neil Abramson, Secretary Casey Tingle, Vice Chair
Elisa Speranza Bill Hammack Karen Raymond Chuck Morse

March 28, 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. Discussion of IAB Progress Report
- VIII. Public Comment
- IX. Other Business
- X. Adjournment

**MINUTES OF THE REGULAR MEETING OF THE
INFRASTRUCTURE ADVISORY BOARD
DECEMBER 14, 2023**

The regular meeting of the Infrastructure Advisory Board (IAB) occurred on D SWB Power Complex - 8800 S. Claiborne Street/Engineering Building in the Auditorium on the 2nd floor 14, 2023 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. Neil Abramson, Secretary
3. Bill Hammack
4. Chuck Morse
5. Karen Raymond
6. 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 September 14, 2023 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, presented revenue and allocations through November 2023. Collections remain on track, though there was a slight decrease in 2023 revenue compared to 2022 due to accounting corrections. The City estimates 2024 revenue to increase slightly for both Sewerage and Water Board (SWBNO) and Department of Public Works (DPW). Paul Flower noted two components of the Fair Share agreement funding not shown: \$2.5M to DPW for street work and an annual \$5M allocation from the General Fund to SWBNO, which Mr. Smith agreed the City will now include in future presentations.

Regarding Capital Outlay, SWBNO is expected to invoice the City for the outstanding \$5M soon with payment anticipated in January 2024. Other updates included a SWBNO Power Plant 2024 – 2025 request for \$159M, \$3.25M for the Lower 9th Ward Green Infrastructure Project, and \$23.85M for VA Property stabilization.

In 2023, the IAB allocated nearly \$26M to the City from the IMF, assigning \$1.2M of this sum to DPW personnel. The allocation funded 41 positions, with half already employed and the remainder in the hiring process, anticipated to be filled by January 2024. The residual funds were allocated for various operating expenses, including \$18M for SWBNO payments, \$5M for Right of Way Repair Contracts, and \$1.4M for streetlight repairs.

Regarding the Downtown Development District's green infrastructure project, Mr. Smith reported 90% of plans expected by December 22, with planning completed by February 24. Bidding is slated for early May, aiming for completion by Super Bowl 2025. Coordination between DPW and SWBNO is ongoing, with drainage line issues affecting the project's budget and timeline.

Mr. Smith concluded with an update on the Drainage Consolidation Working Group's efforts, emphasizing the need for a recurring funding source. A preliminary report submitted to the City Council on January 31, 2023, outlined actions taken, historical context, consolidation opportunities, challenges under SWBNO, and necessary changes for implementation. The Working Group met once in 2023, maintaining consensus on the necessity of identifying funding for consolidation.

Ghassan Korban, Director, SWBNO, welcomed everyone to the West Power Complex and explained that the group would be touring the facilities after the meetings conclusion. **Grace Birch, Director of Communication, SWBNO**, informed the group that on December 15, SWBNO would launch the BETA version of their Pumping and Power Dashboard, which will display which pumps are functioning properly at any given time as well as communicate power status which directly effects pump function.

Kaitlin Tymrak, Business Services and Program Management, General Superintendent's Office, SWBNO, announced Turbine 5's expected return on December 15, due to team efforts. She explained its mechanics and noted SWBNO's reliance on frequency changers for power conversion, with only 3 out of 5 operational. Ms. Tymrak highlighted the critical redundancy provided by the Power Complex, ensuring pump power even if Entergy is unavailable. Project updates included Substation Entergy work and SWBNO Utility Rack progress. Testing is ongoing for static frequency changers and Turbine 7. The SWBNO will open the Phase 1 commissioning contract bids will open in January. Mr. Korban emphasized the reliability of power sources for pumps by 2025, with an in-kind modern backup available. He attributed almost all pump failures to power issues.

Steve Nelson, Deputy General Superintendent, Engineering and Services, SWBNO, updated the Board on the 2023 upgrades completed on the Sycamore Filter Galleries, emphasizing the critical role of IAB funds in maintaining systems. He outlined the phased approach used for replacing media associated with filters 11-28 and mentioned plans to include five additional filters in a construction package advertised in early 2024, enhancing redundancy and volume for water filtration. The subsequent phase, funded through the US Army Corp of Engineers, will upgrade system components to improve worker safety and compliance. Mr. Nelson discussed the forthcoming Water Quality Master Plan, of which SWBNO will initiate the planning phase after January's Board meeting. CDM Smith has been selected as the consulting contractor for this 18-

24-month process, aiming to provide recommendations for treatment system investment, considering Federal regulations, climate risks, and worker safety.

Regarding paving repairs, Mr. Nelson noted the significant impact of IAB funding on paving repairs, with work orders decreasing from 3000 to 1400 since July 2023, and an expected additional 300 completed by year-end. While the initial goal was to reduce orders to 1000, the ultimate aim is zero, enabling repairs within 2-4 weeks instead of the previous average of 100 days in early 2023. Internal crews are on track, completing 60-100 cuts weekly.

Rebecca Johnsey, Project Manager of Smart Metering, SWBNO, provided a Smart Metering update to the board, highlighting SWBNO's deliberate slow start to accommodate repairs/replacements of outdated/malfunctioning pipes during meter installation. Currently, 864 meters are in place, with 92% actively providing hourly reads and 8% undergoing a 3-day waiting period for accuracy validation. Additionally, 2,200 new meters, including 55 large meters, have been installed and are being connected to the system via radio. Ms. Johnsey explained the accuracy assurance process and system functionality, emphasizing the improved accuracy of new meter reads. She also mentioned SWBNO's assessment of customer impact, noting the absence of an opt-out option for the SmartMeter Program.

Grey Lewis, Chief Financial Officer, SWBNO, reported over \$53M revenue from Fair Share/IMF through October 2023. Expenditures include Turbine 7 design (\$2.2M), Smart Meter Program (\$2.7M), SELA Drainage Projects (\$3.5M), Sycamore Filter Gallery Rehab (\$2.1M), and West Power Complex (\$4.9M). Mr. Lewis outlined requests for funding in 2024 for projects including (1) Continuation of The Sycamore Filter Gallery (\$3M), (2) The Water Quality Master Plan and Strategic Plan (\$1.5M), (3) Replacement of New River Intake Fender System (\$6M), (4) a continuation of the Drainage Stormwater Fee Analysis (\$.02M), and (5) a continuation of Pavement Restoration (\$4M). Chuck Morse emphasized support for smaller businesses in Paving Restoration projects and urged inclusiveness in the procurement process. Mr. Nelson agreed, stating DBEs will be included, with advertising for bids going out in early 2024. Elisa Speranza requested updates on the bidding process for both upcoming and previous cycles. Neil Abramson followed up on a request for an additional \$10M for Power Complex connection to Static Frequency Changer #2 at the September IAB meeting, asking if that still required discussion. Mr. Lewis and Ms. Tymrak detailed the itemized financial breakdown of that request but noted that the SWBNO is delaying the request until the 2024 fiscal year. The IAB unanimously approved the funding for the five items.

Public Comment There was no public comment.

Approval of 2024 IAB Meeting Schedule. The IAB unanimously approved the proposed 2024 meeting schedule: Q1 – March 14, 2024; Q2 - June 13, 2024; Q3 – September 12, 2024; Q4 – December 12, 2024.

Other Business. There was no new or other business raised by the attendees.

Adjournment. The IAB adjourned the meeting at 3:38 PM.

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**QUARTERLY REPORT OF THE
INFRASTRUCTURE ADVISORY BOARD**

Fourth Quarter 2023

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 2023 and recommendations offered for the fourth quarter of 2023.

I. IAB Meetings and Activities

The IAB met once during the fourth quarter of 2023, convening December 14 in person. The complete meeting packet and a full recording of the meetings is available at:

<https://www.swbno.org/BoardMeetings/MeetingVideo?link=https%3A%2F%2Fwww2.swbno.org%2Fmedia%2FInfrastructure+121423.mp4&name=Infrastructure+Advisory+Board&date=12%2F14%2F2023+2%3A00%3A00+PM>

The IAB continues to monitor Fair Share Agreement collections as well as the progress of recommended projects.

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 December 14, 2023 IAB meeting, available at:

https://www2.swbno.org/documents/meetings/packets/packet_2142.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_2126.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” – is officially underway. 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 our 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.

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.

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.

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.

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 manufacturing of T7 has been completed and shipped for storage in Houston, TX along with other ancillary parts.

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.

I. *Bulk Chemical Feed and Storage Facility* – 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 has committed \$4M from the IMF to start the demolition and site preparation stages of the overall project.

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 pursued through a list of qualified engineering consulting firms with expertise in technology and asset management systems.

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.

L. Replacement of New River Intake Fender System – 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.



Infrastructure Advisory Board CNO Update

March 28, 2024

Agenda

- 1) Infrastructure Maintenance Fund (IMF)
 - a) IMF Revenue and Allocations through January 1
 - b) Outstanding IMF funding
- 2) Capital Outlay and Project Status

1

Infrastructure Maintenance Fund

Revenue and Allocations through January 1

Jan/Feb 2024 reconciliation have not yet been finalized 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					\$97,548
\$1,077,744	\$623,551	\$1,878,216	Feb	\$636,118	\$929,011	\$212,039	\$309,670	\$404,635	Feb					
\$1,003,376	\$1,106,283	\$2,459,645	Mar	\$990,124	\$781,764	\$330,041	\$260,588	\$340,501	Mar					
\$366,814	\$1,353,010	\$2,774,343	Apr	\$1,148,820	\$707,709	\$382,940	\$235,903	\$308,246	Apr					
\$302,088	\$1,393,270	\$2,698,016	May	\$972,494	\$568,224	\$324,164	\$189,408	\$247,493	May					
\$107,636	\$1,262,729	\$2,303,276	Jun	\$979,698	\$541,388	\$326,566	\$180,462	\$235,804	Jun					
\$89,956	\$1,650,708	\$1,534,397	Jul	\$680,890	\$465,932	\$226,963	\$155,310	\$202,939	Jul					
\$165,654	\$1,693,468	\$3,388,313	Aug	\$562,796	\$447,680	\$187,598	\$149,226	\$194,989	Aug					
\$151,422	\$516,150	\$1,685,635	Sept	\$383,491	\$589,814	\$127,830	\$196,604	\$256,896	Sept					
\$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					
									SPEC	\$5,000,000				
\$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	\$	\$	\$	\$	\$97,548

	2022 (as of 11/1)	2023 (as of 11/1)	2022 FY	2023 FY	2024 FY Est.
SWBNO	\$14,398,211	\$13,959,754	\$17,522,632	\$16,933,177	\$22,250,000
DPW	\$4,799,402	\$4,651,245	\$5,840,874	\$5,642,385	\$5,750,00

Outstanding IMF Funding

Status

- Invoice for \$5 million to SWBNO has been submitted for 2024 and funded.
- Error in January 2024 fund reconciliation led to initial under-reporting of STR-related revenue to IMF. Adjustment will be made in February 2024 invoice.

2

Capital Outlay and Project Status Update

General Capital Outlay - Drainage

Updates

- SWB Power Plant 2024-2025 request to be submitted for \$159,000,000
 - Static Frequency Changers 2 & 3 work currently in progress.
 - \$42,700,000 P1 Re-authorized
 - \$29,000,000 P5 Re-authorized
- Lower 9th Ward Green Infrastructure Project 2024-2025 request to be resubmitted for \$3,250,000.
 - November 2023 \$2,650,000 priority 1 funding redesignated priority 5.
 - \$250,000 P1 re-authorized

Infrastructure Maintenance Fund – 2024

Almost \$21M was appropriated from the Infrastructure Maintenance Fund in the 2024 adopted budget

Personnel - \$1.2M

- total positions funded
 - 17 hired
 - 21 vacancies (*requisitions in process*)
- 6 Job Studies have been submitted and approved by Civil Service to create positions to staff a new Continuous Improvement/Asset Management Division
- New Laborers in Traffic Signal Shop and Maintenance. Training and Interviews continue

Infrastructure Maintenance Fund – 2024

\$21M was appropriated from the Infrastructure Maintenance Fund in the 2024 adopted budget. \$18M to SWBNO

Other Operating - \$24.5M

- SWBNO Payments (\$18M)
- 2023 Right of Way Repair (ROW) received a combination of IMF and Bond Funds
 - District A
 - \$871K Allocated
 - \$848K Spent
 - \$23K For Scheduled work.
 - District B
 - \$1.5M Allocated
 - \$1.3M Spent
 - \$162K For Scheduled work
 - District C (Westbank)
 - \$2.5 M Allocated
 - \$2.4M Spent
 - \$106 For Scheduled Work
 - District C (Eastbank)
 - \$2.4M Allocated
 - \$2M Spent
 - \$1.83M Reallocate to WB repair
 - \$444K For Scheduled Work
 - District D
 - \$1.5M Allocated
 - \$1.2 MK Spent
 - \$336K For Scheduled Work
 - \$1.4M Allocated to Traffic Management
 - Used For Streetlight Maintenance

DDD Drainage Improvements

Timeline:

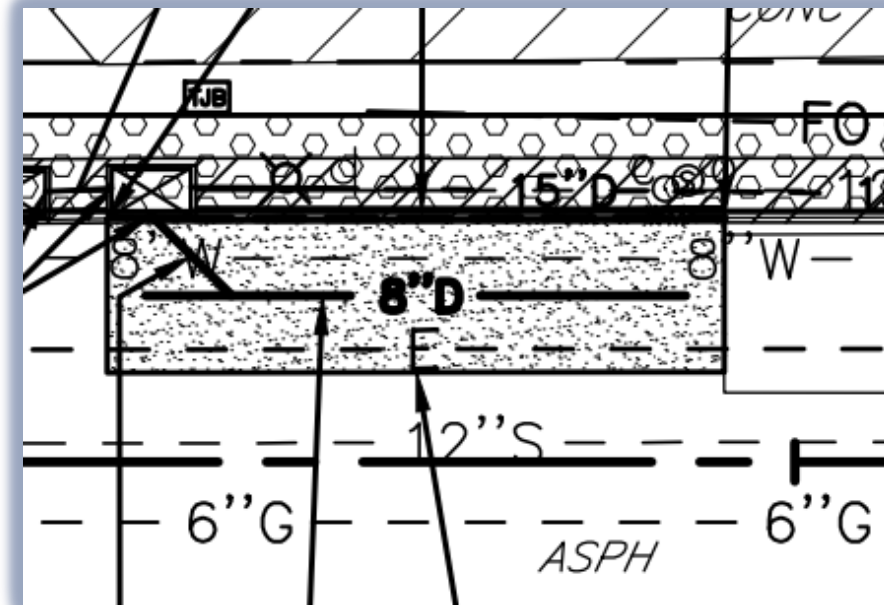
- Scope of work for this project entails drainage improvements and installation of permeable pavement where feasible throughout the 18 blocks.
- Deliverables/Timeframe
 - 90% Plans – Dec 2023
 - 100% Plans May 2024
 - 90 Days to Bid and Award- Construction estimated to begin May 2024
- Super Bowl 2025
 - Construction should be partially completed by Super Bowl 2025 or phased out to allow for special events.
 - As a precaution, the specifications will address construction sequence, temporary asphalt, and demobilization clause to mitigate interference of over lapse.
- DPW and Wingate have met with Utility agencies to review preliminary plans and provide comments on potential utility conflicts.
- DPW is Coordinating with SWBNO to identify and resolve additional Utility Conflicts.
- Reviewing design elements to extend design project life and increase runoff capacity
- Next Steps:
 - DPW/SWBNO/Meyer to review 100% submittal.
 - Meet with Entergy, Cox, and SWBNO to address conflicts per design review.

Project Area:

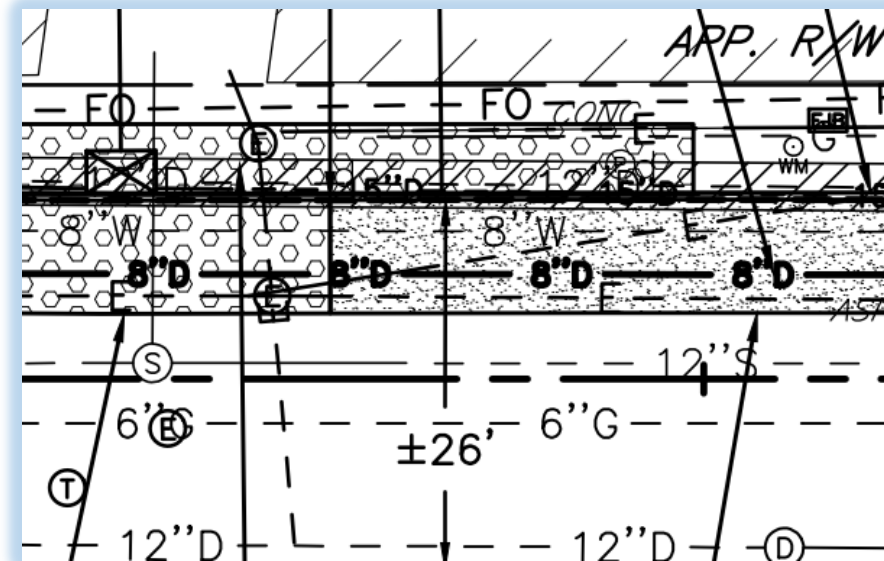


Potential Utility Conflicts (example pg104 Common St):

Picture 1- SWBNO existing 8" waterline within parking lane. Discussions with SWBNO on how to proceed.



Picture 2- Entergy gas and electric conflicts. Entergy will move their utilities or Wingate will design around existing





Questions?

Infrastructure Advisory Board

Quarterly Meeting

March 28, 2024





Pumping and Power Reporting

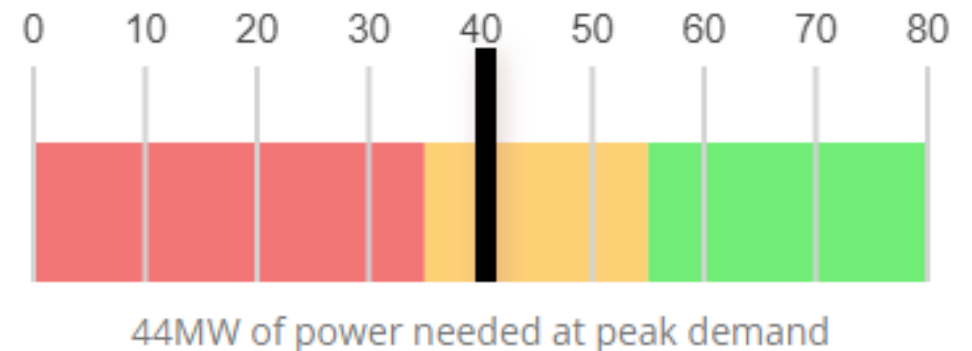
Existing Pumping and Power Dashboard Efforts

- Continue to share Pump and Power Status with traditional media and social media prior to severe weather event
- Now updated with information about one-inch per hour metric

Moving Forward

- Updated dashboard will feature the capacity of pumping stations in operation
- Videos and animations explaining New Orleans' drainage system

40.5 MW
Currently Available



Current Power Status as of March 26, 2024

Turbine 4 Update

- Previously offline since February 3 due to coolant oil water intrusion
- Repairs completed and testing underway when operator error contributed to damaged bearings
- Contractor immediately engaged to initiate investigation and repairs
- Repair timeline – 5 to 7 weeks (end of April/early May)
- Internal investigation being conducted on process controls



Turbine 4 bearing housing



Short-Term Power Plan

- Communication device in EMD #3 has been repaired, adding 2.5 megawatts of 25 Hz power
- Repair the radiator of EMD #1, adding 2.5 megawatts of 25 Hz power (timeline to be determined)
- Replace the voltage regulator of EMD #2, adding 2.5 megawatts of 25 Hz power (anticipated timeline four to six weeks)
- Repair Frequency Changer #4, adding 6 megawatts of 25 Hz power (anticipated timeline three to five weeks)
- These assets back online would take our power generation capabilities to 51.5 megawatts.
- With Turbine 4 online, 70 megawatts would be available



New air compressors recently installed to improve EMD reliability



SWBNO Power Complex Progress

Entergy Substation Work Complete

SWBNO Connections and Backup Plant

- Utility rack – 85% complete
- Foundations for SFCs, T7, transformers, and auxiliary equipment being poured
- Transformers and turbine equipment in storage



Span 29 installed on 3/21/2024

Recent Funding Challenges

- Contract Bid 1420 was \$21 million over budget, based on initial engineering estimates
- City Council Public Budget Meeting on April 2 to discuss gap in estimate, lessons learned, and proposed funding plan



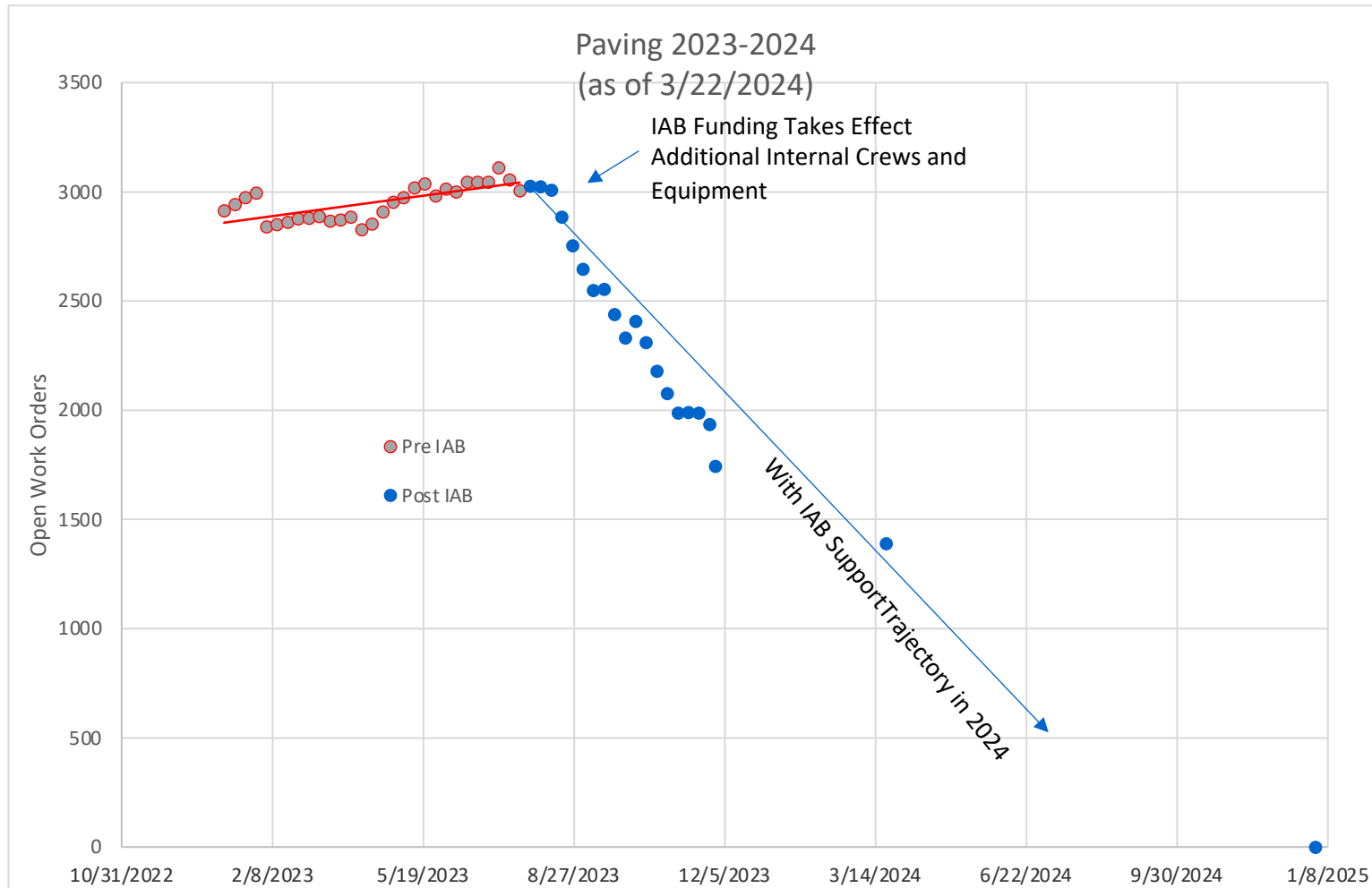
Water Quality Master Planning in Progress

- Kickoff meetings with consultant planned for April
 - 18 – 24 month process
- Outcomes will be recommendations for investment in the treatment system, considering new anticipated Federal regulations as well as, climate risks
 - PFAS, PFOS, emerging contaminants
 - Lead and Copper Rule Revisions
 - Saltwater Intrusion





Pavement Restoration Backlog Progress



- Paving Backlog continues to decrease as projected
- Average response timeline has dropped from 101 days in early / mid2023 to 71 days currently
- New contract has been awarded and renewals of existing contracts will also take place as a result of IAB
- Aim to reduce backlog so repairs can be completed within 2-4 weeks

	NEW	CLOSED
Paving 01/01/23 - 03/31/23	884	928
Paving 01/01/24 - 03/25/24	1098	1333
Delta	214	405
% increase	24%	44%



Smart Metering Progress

- Customer Portal set to be available in summer/fall 2024
- In 2024, anticipate installing $\approx 75,000$ meters
 - Nearly all 1.5"+ meters (6,450)
 - Roughly half of 5/8" and 1" meters (68,575)
- Informing customers of lead service lines identified during installation
- Installing new smart meter covers with historic design





Promise Pay | Customer Service Progress

NEED HELP PAYING YOUR WATER BILL?

SWBNO, in collaboration with **Promise**, is providing flexible, affordable, and convenient PromisePay payment plans to help customers with their past due balances.

- Flexible payments and due dates
- You design and control your plan
- Change your plan if you need to
- Avoid negative financial consequences

**WE ARE HERE TO HELP!
PLEASE VISIT US AT:**

SWBNO.PROMISE-PAY.COM
504-565-2905

Promise.

- Over 4,200 Promise Pay payment plans activated
 - \$830,000+ payments collected
 - Over \$10 million promised

Billing Enhancement Initiative

- As we prepare to transition to billing from Smart Meters, we have assembled a special team to conduct a comprehensive review of our data management systems, identifying and addressing any weaknesses that may contribute to billing inaccuracies.
- Includes data entry processes, validation mechanisms, and system integrations with the goal of a seamless Smart Meter transition.



Infrastructure Maintenance Fund Status

Total Revenues: \$ 62,092,544

Total Expenditures: \$ 23,427,163

Allocated to IMF Projects (awarded or designed contracts): \$50,029,849

Major expenditures to date:

Sycamore Filter Gallery Rehabilitation - \$2.3 million

Accelerated Paving Contracts - \$4.0 million

Power Complex - \$7.0 million

SELA Drainage Projects - \$3.5 million

Month	IMF Revenue
November 2023	\$1.0M
December 2023	\$2.0M
January 2024	\$1.0M
FY24 Special Allocation - February	\$5.0M

*Additional Project Funding Request - \$10M to support **Contract 1420 – Power Complex**



Power Complex Project Details

Power Complex – IMF Projects	Contract Amounts	Status
1. T7 solution	\$4,000,000	
Design	\$2,600,000	In progress
Additional turbine costs (storage, change orders)	\$1,400,000	Finalizing costs
2. Power Complex Integration + 2023/2024 Special Allocation	\$20,000,000	
1440 – GSU Transformers	\$3,650,000	In progress
1427 – Auxiliary Packaged Electrical Equip	\$6,698,839	In progress (including change orders)
1447 – Boiler House Fan Mods	\$1,183,413	Closeout (including change orders)
1420 – Phase 1 Installation Contract	\$7,337,050	
Change Order Contingency	\$1,130,698	
3. Supplemental Support for Phase 1 Installation Contract	\$10,000,000	Requesting Approval March 2024
<i>Future Request – 2023/2024 Special Allocation</i>	<i>\$10,000,000</i>	<i>Future Request</i>



Contract 1420

Installation of the Frequency Changers, Turbine 7 and Critical Equipment for Utilization of Power from the Substation

Funding Sources

- \$10M – FEMA (HMGP)
- \$16M – HUD Earmark Grants
- 20M – City Allocation (pending approval. Will be in two installments. IMF will front \$10M to ensure timely award.)
- \$10M- Additional IMF Allocation
- \$7.4M – Previously approved \$20M
- \$53.4M bid amount

Timeline

- Award – April 17, 2024 Board Meeting
- NTP – May/June 2024
 - *Pending contract execution timeline*
- Completion – July 2025

March 2024
SWBNO - IMF Fair Share Funding Proforma

Line					2023				2024				2025				Beginning Fund Balance 1/1/23	24,157,243						
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4								
1																								
2	Total Estimated Revenue to SWBNO							Sources:	4,808,918	9,918,335	3,130,605	4,075,326	9,233,296	4,233,296	4,233,296	4,233,296	9,233,296	4,233,296	4,233,296	4,233,296	Total Projected Revenues	65,799,553		
3	Proposed revenue allocation ² :																							
4	Ongoing Infrastructure Improvements (A)								360,000	540,000	540,000	540,000	540,000	540,000	540,000	540,000	540,000	540,000	540,000	540,000		6,300,000		
5	Infrastructure Modernization and Technological Improvements (B)								3,358,918	2,743,335	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000		26,102,253		
6	Infrastructure Power Complex (C)								1,090,000	6,635,000	590,605	1,535,326	6,693,296	1,693,296	1,693,296	1,693,296	1,693,296	1,693,296	1,693,296	1,693,296		33,397,300		
7																								
8								Uses:	-	-	-	-	-	-	-	-	-	-	-	-				
9																								
10	Project List:	Type	Project status	IAB Status	Project Amount	Expended inception to date at 1/1																		
11	Asset management software system	(B)	initial planning	approved	1,650,000	(48,060)							(500,000)	(500,000)	(500,000)							(1,548,060)		
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)			4,000,000																		(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)								(2,350,177)	
15	Construction of a new Bulk Chemical Feed and Storage Facility	(A)	re-bidding	approved	4,000,000	-																	(4,000,000)	
16	FY24 - Replacement of New River Intake Fender System	(A)			6,000,000																		(6,000,000)	
17	FY24 - Water Treatment Plan Improvements: Sycamore Filter Gallery (Continuation)	(A)			3,000,000									(1,000,000)	(1,000,000)	(1,000,000)							(3,000,000)	
18	Smart Metering Program Management	(B)	ongoing	approved	4,000,000	(1,461,673)					(101,572)	(283,663)	(429,473)	(455,687)	(454,152)	(300,000)	(300,000)	(200,000)					(3,986,219)	
19	Smart Metering Implementation ¹	(B)	ongoing	approved	15,000,000																		(5,000,000)	
20	Master Plan/Strategic Plan	(B)	ongoing	approved	500,000	(511,470)						0qq	0	0	0	0	0						(511,470)	
21	FY24 - Water Quality Master Plan	(B)			1,500,000									(300,000)	(300,000)	(300,000)	(300,000)	(300,000)					(1,500,000)	
22	Drainage Stormwater Fee Study	(B)	ongoing	approved	250,000	-																	(145,795)	
23	FY24 - Drainage Stormwater Fee Analysis (Continuation)	(B)			200,000																		(200,000)	
24	T7 Solution	(C)	ongoing	approved	4,000,000	(1,246,195)					(218,947)	(180,326)	(332,114)	(217,077)	0	(200,000)	(200,000)	(200,000)					(2,794,659)	
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)	0	(3,000,000)	(3,000,000)	(3,425,000)	(2,400,000)	(2,300,000)			(19,976,388)	
26	Total - Currently approved IAB project list				69,450,000																			
27																								
28	New Requests March 2024																							
29	FY24 \$10m Supplemental support for Power Complex Phase I - Installation and Commissioning Contract 1420	(C)			10,000,000																		(2,500,000)	
30																							(2,500,000)	
31																							(2,500,000)	
32	Other Potential Future Projects FY24:																							
33	FY24 Budgeted \$10m WPC change order and other misc																							
																							Total Projected Expenditures: Projected Fund Balance	(79,012,767)
																								10,944,029

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) - See slide for details

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

Report of Revenue and Expenditures made pursuant to the CEA (R-079-2020)
Infrastructure Maintenance Fund
March 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	2024	\$998,187
2/1/2024	Special Allocation FY23	2023	5,000,000
TOTAL REVENUES			\$62,092,544

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	48,060
	Pre FY23	\$4,060,374
Cumulative thru March 2024	Raftelis Financial Consultants Contract for Consulting Services for Utility Strategic Planning.	511,470
Cumulative thru March 2024	Smart metering design and program management	3,186,219
Cumulative thru March 2024	Sycamore Filter Gallery water purification rehabilitation	2,350,177
Cumulative thru March 2024	Raftelis Financial Consultants Contract for Stormwater Fee Study	145,795
Cumulative thru March 2024	Design costs related to the acquisition of Turbine 7	2,194,659
Cumulative thru March 2024	Power Complex Contracts (Auxiliary Power system and step up transformers)	5,851,388
Cumulative thru March 2024	Acceleration of Paving Contracts	4,000,000
	FY23 to date	\$18,239,707
TOTAL EXPENDITURES		\$22,300,081

Amounts Available for IAB Projects

\$39,792,463

**Infrastructure Advisory Board
Progress Report
March 5, 2024**

What is the Infrastructure Advisory Board?

The Infrastructure Advisory Board (IAB) was formed on August 6, 2019, by Executive Order LC-19-02 to oversee the spending of new revenue streams created by Act 170, collectively referred to as “Fair Share” funding. These revenue streams are intended to be dedicated to an Infrastructure Maintenance Fund, which supports water, sewer, and drainage projects vital to a sustainable and equitable economy in the City of New Orleans.

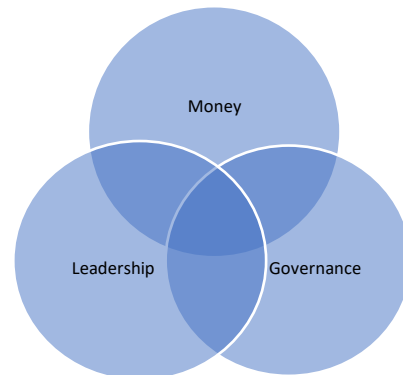
The IAB is also charged with making “recommendations as needed to the Mayor, the Governor, the New Orleans City Council, and the Louisiana Legislature regarding any identified improvements or reforms necessary to ensure the Sewerage and Water Board of New Orleans (SWBNO) is a high performing utility.”

This report is intended to share both the progress and challenges the IAB has witnessed at the SWBNO and to offer recommendations for continued work.

What is the IAB’s vision?

Over the years, SWBNO has had one or two, but not all three elements the IAB believes are essential for the modern, functional, efficient, effective water/sewer/drainage utility New Orleans deserves, including:

- access to adequate funding from local, state, and federal sources
- a qualified, experienced leadership and workforce in place, and
- accelerated progress towards building a well-governed, high performing utility.



A quick history of SWBNO

Most New Orleanians are aware of the decades-long, troubled history of SWBNO. A historical underinvestment in infrastructure has left the city with sub-standard water, sewer, and drainage systems inadequate to consistently support a thriving, healthy city.

This observation is not to disparage or disrespect generations of workers and leaders who presided over these systems in the past—often hamstrung by a dysfunctional governance structure, archaic organizational, technical, and workforce systems, and a historic lack of will or ability to raise rates commensurate with the needs of an aging system.

Recovery from the levee breaks and flooding in the aftermath of Hurricane Katrina alone was a herculean feat, but that recovery did not keep pace with investment needs. In August 2017, catastrophic flooding caused by inadequate power and pumping capacity, plus a clogged system of canals and

drainage pipes due to years of poor maintenance—on the heels of multiple boil-water advisories and chronic metering and billing challenges—brought the system to a breaking point.

After a series of interim leaders and emergency fixes, Mayor LaToya Cantrell recruited a proven, seasoned utility leader to begin orchestrating a professional analysis of the troubled agency’s challenges and to implement the improvements needed to bring the utility up to current utility standards. Ghassan Korban, with a track record of success in Milwaukee, arrived in the fall of 2018.

Those closest to the action know it had taken decades for the once proud and innovative system to fall into its broken and dysfunctional state, and that even the most forceful multi-front effort would not bring visible fixes overnight. While we recognize there is still a lot more work to do, it’s worth pausing to critically review progress on major issues made to date and explore future plans. The table below summarizes these issues and projects.



A car with a 2007 registration tag is removed from a Mid-City drainage canal on August 22, 2019. Mardi Gras beads spilled from the trunk. (Photo: NOLA.com)

Facing the challenges and what we can collectively do about them

The IAB acknowledges that things have not improved as fast or as efficiently as needed or as any of us would like. The global COVID-19 pandemic caused a significant decrease in expected revenues from Fair Share Funds, which are dependent on hotel and Short-Term Rental (STR) visitors coming to New Orleans. This setback slowed the implementation of many planned improvements.

Also, SWBNO is still hampered by a profound lack of public trust, and by the invisibility of many of the improvements it *has* made. The utility remains an all-too-easy target for criticism—sometimes deserved, sometimes not—and often misinformed second-guessing. The IAB hopes we can reframe the discussion.

It’s time to offer support to the SWBNO—while also demanding accountability, transparency, and tangible progress. It’s time to collectively find the institutional and political courage to finally resolve daunting and seemingly intractable public policy decisions around modernizing civil service, increasing water and sewer rates, and consolidating stormwater management. It’s also time to develop a fee structure to wean the drainage system off outdated and inequitable millages. Today, 43% of the property owners in Orleans Parish pay absolutely nothing to support handling their own stormwater runoff. This system is neither sustainable nor equitable.

Probably most importantly, it’s time to stop wasting time, energy, and resources with political infighting and blame. It’s time for all of us to collectively roll up our sleeves to bring constituencies together and develop solutions.

We need SWBNO leadership and workforce, elected officials, community leaders, business owners, advocates, ratepayers, and property owners to be active, vocal, and constructive players in this critical civic challenge.



We need to act now.

Simply put, we’re already living on borrowed time. Addressing the existential threats to our economy, homes, businesses, and neighborhoods is not an option and can’t be delayed.

Over the last several years, the IAB has heard from experts and “best practice” utilities from around the country and we are convinced everything that’s wrong with our water, sewer, and drainage systems can be fixed. There are lessons we can learn from others. New Orleans is special, but it’s not necessarily unique.

We know that rebuilding public trust depends on tangible, visible outcomes people see in the streets, in their environment, and in their water and sewer bills. People will support what they value, and they will value what they trust.

Here are the objectives:

- Accurate, timely water and sewer bills.
- An affordable and equitable rate structure.
- An engaged, well-trained, and valued utility workforce.
- A functional and adequately funded power and drainage system, incorporating the many benefits green infrastructure brings to our neighborhoods.
- An end to boil-water advisories and clean, safe, reliable drinking water 24/7.
- A sewer system that continues to protect the environment and public health.
- Preventive and predictive maintenance rather than costly and disruptive emergency repairs.
- Public assets sustainably managed for the long term.
- Pride in a trusted utility system built to serve the community.

The IAB commends SWBNO for the progress made to date, often against stiff headwinds. We will continue to advocate for and support investment in critical projects, while also expecting accountability. We encourage all public decision-makers: Administration, SWBNO Board, City Council, and the New Orleans legislative delegation to do the same.

The table below is very important, and we ask people to study it carefully. It summarizes key issues and projects SWBNO has tackled in recent years, progress made to date, and near-term next steps.

Issue	Progress since 2018	What's next
<p>Organization, leadership, management, and culture</p>	<ul style="list-style-type: none"> • Re-organized utility structure to create a balanced leadership team and new customer service and administrative divisions • Recruited and hired a Chief of Staff, Chief Customer Service Officer, Chief Administrative Officer, and Chief Financial Officer, Chief Audit Executive to join other senior managers in re-focusing the utility • Established Employee Advisory Committee • Worked with the Civil Service Commission to incentivize key departments, such as meter reading, and create crucial positions, such as Strategic Planning Director and Deputy Superintendents to support operations • Expanded safety, training, and leadership programs available to all staff • Formed positive working relationships with partners such as Entergy, the federal Environmental Protection Agency, the Louisiana Department of Environmental Quality, and the Louisiana Department of Health 	<p><i>Evaluate workforce model options, including Civil Service and others, and determine an appropriate fit for SWBNO (in accordance with SWBNO's strategic plan)</i></p>
<p>Customer Service & Outreach</p>	<ul style="list-style-type: none"> • Reduced average call wait times, instituted Customer Care Plans, revised bill estimating system, expanded satellite customer service centers • Introduced new meter reading strategy to capture more actual reads • Automated Metering Infrastructure ("Smart Meters") plan completed, and contractor selected • Established Customer Advisory Committee • Developed "Report a Leak" online platform and interactive maps showing pipes and drainage in neighborhoods • Increased visibility and public access through social media and neighborhood engagement 	<p><i>Implementing a "smart metering" program to overhaul the meter-reading and billing systems; the first phase of automated meters will come online in spring 2024</i></p>

Comprehensive Planning	Five-year Strategic Plan completed with employee and customer input	<ul style="list-style-type: none"> • <i>Asset Management Plan</i> • <i>Modern work order system</i> • <i>Water Quality Master Planning Process in the works</i>
Power	<ul style="list-style-type: none"> • Power Master Plan completed with a vision of transitioning entire system to the more modern 60HZ power and relying on less expensive, cleaner power from Entergy New Orleans for daily power needs, replacing the over 100-year-old steam power plant and reducing greenhouse gas emissions with new, energy efficient, natural gas backup generation capacity. • Broke ground on West Power Complex in preparation for a new Entergy power substation; secured up to \$30m and a Cooperative Endeavor Agreement with the City • Rehabbed Turbines 4 & 5; winterized Turbine 6; completed environmental permitting for future Turbine 7 	<ul style="list-style-type: none"> • <i>Entergy substation has been built and delivered</i> • <i>Turbine 7 installation</i> • <i>Frequency changer installation</i>
Resilience	<ul style="list-style-type: none"> • Water towers completed, drastically reducing precautionary boil advisories – no citywide advisories since 2018 • No loss of water service and no flooding during Hurricane Ida • SWBNO now has 10 Green Infrastructure sites, holding 274,500 gallons of water per rain event • Paving backlog reduced from 3,000 to 1,500 work orders over 2023 – goal is backlog elimination in 2024 <ul style="list-style-type: none"> • Timeline for paving repairs dropped from 100 days to 70 days on average in 2023 – goal is a 2-4 week turnaround • Internal SWBNO crews and equipment upgraded from 1 crew to 4+ and currently keeping pace with pavement cut production. • The JIRR program is a FEMA-funded cooperative effort between the City of New Orleans Department of Public Works (DPW) and the Sewerage and Water Board of New Orleans (SWBNO) to restore our city’s damaged infrastructure. <ul style="list-style-type: none"> • Since May 2018, DPW has completed nearly 100 projects with an estimated value of \$516 million. Today, nearly 40 roadwork 	<ul style="list-style-type: none"> • <i>Power Complex coming online Summer 2025</i> • <i>Continue Transmission Main Line work</i> • <i>Green Infrastructure Program assessing availability and scale of needed GI</i> • <i>Advocate for Water Main Replacement Program to continue</i>

	<p>projects have been awarded with an estimated value of nearly \$600 million.</p> <ul style="list-style-type: none"> The Sewerage and Water Board of New Orleans (SWBNO) is replacing several 60- to 80-year-old drinking water transmission mains within our distribution system with newer, larger pipes. <ul style="list-style-type: none"> There are 11 total transmission main projects—four projects have been completed, two projects underway and five future projects scheduled. Today, the transmission main projects have been awarded with an estimated value of nearly \$119 million. 	<i>after the FEMA funded efforts sunset</i>
Funding	<ul style="list-style-type: none"> \$275M low-interest WIFIA loan through the EPA for citywide sewer-system improvements plus \$52.5 in low-interest SRF loans both to complete Sewer Consent Decree \$55M in state capital outlay funds to support West Power Complex construction and integration with substation (additional priority 5 amount of \$29M is pending legislation) \$52M in partnership with the City to fund substation and frequency changer purchases \$7M in Fair Share funds spent to date to support CIP programs (\$51M additional funds in que to continue the IAB approved projects such as power complex, smart metering, filter gallery upgrade) \$16M in federal earmarks to support drainage needs \$4M of federal funds to assist low-income customers with outstanding bill payments 	<ul style="list-style-type: none"> <i>Rate study for water and sewer revenues completed</i> <i>Development of a more equitable and adequate funding mechanism for stormwater management</i>
Audit	<ul style="list-style-type: none"> Performed audits in key areas: Overtime Pay, Billing & Collections, Utility Parking (Consulting Service) In Progress audits: Occupational Safety (Reactive Controls) 	<ul style="list-style-type: none"> <i>Audit plan for 2024 to be reviewed/ approved at the next Audit Committee meeting</i>
Drainage System Improvements and Green Infrastructure	<ul style="list-style-type: none"> Canal/ditch clean-out in coordination with the City’s Department of Public Works Expanded green infrastructure keeps 304k+ gallons of stormwater out of streets during every major rain event 	<i>Working with the Mayor and City Council on a plan to consolidate drainage management</i>

The IAB has met quarterly since its inception; all its meetings and proceedings are public and posted at <https://roadwork.nola.gov/fair-share/>.