



FY 2022 – 2023 Annual Report

AS PER ARTICLE VI. – UTILITIES BOARD, SECTION 4(F)

B R O W N S V I L L E C I T Y C O M M I S S I O N | S E P T E M B E R 1 9 , 2 0 2 3

MARK DOMBROSKI,
ASSISTANT GENERAL MANAGER AND COO

Overview

As per Article VI. – Utilities Board, Section 4(f) of the City Charter, the Public Utilities Board shall provide to the City Commission an annual report providing an update on the progress of working with the City of Brownsville on common goals before the end of the fiscal year.

This presentation will cover efforts to:

1. Eliminate Duplication of Services
2. Create Administrative Efficiency
3. Provide Joint Service Efforts
4. Ensure Quality of Service at the Lowest Cost

Eliminate Duplication of Services

Road Projects:

- Coordinate the repair, upgrade, and installation of utility infrastructure with the City's road repair and construction, which reduces costs and road closure time
 - Old Hwy 77 from FM 802 to Morrison Rd.
 - Downtown Water/Wastewater Improvements
 - Wild Rose Lane from Coria St. to Honeydale Rd.

Eliminate Duplication of Services

Backflow Testing:

- BPUB's Cross Connection Control Department performs annual backflow preventer assembly tests for City of Brownsville-owned valves. Backflow preventers ensure the potable water supply is not contaminated due to a reverse flow event.
 - Eliminates the cost of testing for the City while increasing BPUB customer compliance

Create Administrative Efficiency

Accela Software Integration:

- Engaged service to integrate Accela viewing capabilities to allow BPUB to receive and review necessary info to connect services immediately after inspections are passed.
 - Eliminates the need to have a dedicated City Planning & Redevelopment Services staff member advising BPUB staff of passed inspections for service connections
 - October 1, 2023 – CAYENTA is scheduled to release the product for testing
 - November 1, 2023 – Viewing privileges go live

Joint Billing Services:

- Offer a joint utility bill for BPUB services and City charges.
 - Reduces the costs and overhead associated with the billing process for both entities. Approximately 690,000 bills are printed and mailed separately.
 - Allows customers the efficiency of making one consolidated payment for services and charges.

Provide Joint Service Efforts

Streetlight Projects:

- Includes new light installations and maintenance of approximately 13,774 streetlights across the City and upgrading to energy-efficient LED lighting for better illumination and reduced consumption.
 - Billy Mitchell Light Improvements
 - Expressway 77 Streetlight Collaboration
 - Downtown Lighting Improvement

Communication Synergy:

- Increased transparency and unified communication with the City, customers, and community stakeholders.
 - City Liaison
 - Service Interruption Communication Process Adoption
 - BPUB agenda revamp
 - Live streaming of Board and Committee meetings

Provide Joint Service Efforts

BTXFiber:

- BPUB coordinates with the City and Lit Communities to reduce utility infrastructure conflict within the right of way, reducing the risk to utility services and limiting the project's cost.
 - Assisting with locating and identifying underground utility infrastructure
 - Providing access to utility poles for attaching fiber
 - Responding to events when utility infrastructure is inadvertently impacted

Migrant Support Services:

- BPUB, in coordination with the City Engineering and Public Works Department, energized three former Fort Brown Golf Course buildings and provided water tankers in April 2023. Once energized, the City was able to provide much-needed services through the existing facilities.

Ensure Quality of Service at Lowest Cost

Emergency Backup Generators:

- Mitigate flooding conditions by providing backup power for City buildings (El Tapiz) and stormwater/drainage support during hurricane seasons with district pump stations (Impala, Fruitdale, and Morningside pump stations).

Valve and Hydrant Maintenance:

- Inspect, flush, and maintain over 100 hydrants near fire stations.

Memorandum of Understanding for Cost of Recovery Services:

- Equitable agreement to recover costs incurred on services provided between the entities to prevent under-recovery.
 - The City attorney's office will be working on the MOU Draft that will include over 15 different services

Ensure Quality of Service at Lowest Cost

Cannery Public Market:

- Renovation of the Quonset-hut in the Mitte Cultural District—
Site/façade/water and wastewater infrastructure to support commercial operations.

Resaca Restoration: (Phase I and Phase II)

- Aims to restore Brownsville's vital Resaca systems.
 - Improves water circulation
 - Assists with flood control
 - Enhances water quality and storage
 - Supports ecological improvements

Questions?
