

MEMORANDUM

Agenda Item No. 8(O)(3)

TO: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

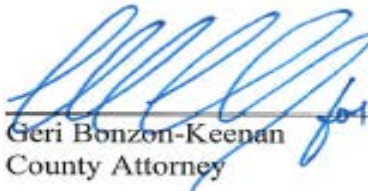
DATE: December 2, 2025

FROM: Geri Bonzon-Keenan
County Attorney

SUBJECT: Resolution approving Change Order No. 2 to Contract No. W-942, 72-inch water main in West 2nd Avenue between 11th Street and 13th Street, between Lanzo Construction Co., Florida and Miami-Dade County, which grants a 600-day non-compensable time extension to the contract and increases the total contract amount by \$7,405,411.65, thereby bringing the total award up from \$9,874,969.31 to \$17,280,380.96; and authorizing the County Mayor to execute same and exercise the provisions contained therein

Resolution No. R-1159-25

The accompanying resolution was prepared by the Water and Sewer Department and placed on the agenda at the request of Prime Sponsor Commissioner Natalie Milian Orbis.


Geri Bonzon-Keenan
County Attorney

GBK/uw

Memorandum



Date: December 2, 2025

To: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

From: Daniella Levine Cava *Daniella Levine Cava*
Mayor

Subject: Resolution Authorizing Change Order No. 2 to Contract No. W-942 for a 72-Inch Water Main with Lanzo Construction Co., Florida.

Executive Summary

The item seeks approval from the Board of County Commissioners (the Board) to authorize Change Order No. 2 to Contract No. W-942 (the Contract) between Miami-Dade County (the County) and Lanzo Construction Co., Florida (the Contractor) for a 72-inch Water Main in West 2nd Avenue between 11th Street and 13th Street (the Project) within and nearby the John E. Preston Water Treatment Plant (Preston WTP). Change Order No. 2 increases the Contract by \$7,405,411.65; replenishes the Contingency Time Allowance by 60 non-compensable calendar days; and grants a 600 non-compensable calendar day extension. Further, Change Order No. 2 will adjust the Small Business Enterprise-Construction (SBE-Con) Goal to 0.81 percent.

Change Order No. 2 will enable the County to fulfill the original intent of the project by establishing a redundant system, addressing critical infrastructure improvements at the Preston Water Treatment Plant (WTP), and correcting structural deficiencies identified as the project progressed. The additional scope was identified during construction, once sections of the pipeline were isolated, temporarily taken offline, and valves were exposed, activities that could not be performed during the design phase. Because this pipeline is essential for maintaining continuous service, shutting it down without a redundant line would have significantly impacted nearby residents. This construction phase therefore provided the most effective opportunity to address the deficiencies without future service disruptions. The additional work included in Change Order No. 2 comprises pipeline sequence reconfiguration and the establishment of dedicated allowance accounts for the rehabilitation of the existing 72-inch Prestressed Concrete Cylinder Pipe (PCCP) water main to prevent potential failure and ensure the long-term reliability of the system.

The Miami-Dade Water and Sewer Department (WASD) is investing in large-scale infrastructure upgrades that increase system capacity, improve operational reliability, and ensure regulatory compliance. This Project is a key component of that effort because it targets aging infrastructure that is critical to maintaining uninterrupted service, protects public health and supports future growth and redevelopment. These efforts help ensure the continued delivery of efficient and reliable service to our County residents.

Recommendation

It is recommended that the Board approve Change Order No. 2 to the Contract. Change Order No. 2 increases the Contract amount by \$7,405,411.65, thereby increasing the total Contract amount from \$9,874,969.31 to \$17,280,380.96. Change Order No.2 further extends the Contract duration by 600 non-compensable calendar days and replenishes the Contingency Time Allowance by 60 non-compensable calendar days. Further, Change Order No. 2 reduces the SBE-Con goal to 0.81 percent.

Scope

The Contract is being performed within and near WASD's Preston WTP, located in Commission District 6, which is represented by Commissioner Natalie Milian Orbis. Exhibit A provides further basic information about Change Order No. 2.

Delegation of Authority

This item authorizes the County Mayor or County Mayor's designee to execute Change Order No. 2 to the Contract and to exercise any and all rights conferred herein.

Fiscal Impact/Funding Source

The additional fiscal impact of Change Order No. 2 to the County is an increase of \$7,405,411.65 to the Contract and will be funded out of WASD Revenue Bonds Sold and Future WASD Revenue Bonds. There will be no impact to the General Fund. The Project is in WASD's Fiscal Year 2024-2025 Adopted Budget and Multi-Year Capital Plan under Water Reset Program – Water Treatment Plant- Hialeah/Preston, Program #9650041, Volume #3, Page #109.

Track Record/Monitoring

WASD's Deputy Director of Planning, Regulatory Compliance and Capital Infrastructure, Marisela Aranguiz-Cueto, P.E., will oversee the implementation of Change Order No. 2 to the Contract.

Background

In an effort to continue providing good quality and reliable drinking water and sanitary services, the County needed to upgrade and rehabilitate its water and sewer assets throughout the County. WASD operates the Preston WTP, which provides potable water service to the northwest area of Miami-Dade County via an existing 72-inch water main. This main was constructed in the mid-1960s and is now over 50 years old and at the theoretical end of its design life. This Project was necessary for the construction of a redundant 72-inch water main to deliver potable water to the distribution system.

After a competitive solicitation, the Contract was awarded to the Contractor on August 27, 2021 and was ratified by the Board on February 1, 2022, via Resolution No. R-125-22. The total Contract award was \$9,116,265.32 with a Contingency Allowance of \$781,616.40 and a Contract duration of 330 days with a Contingency Time Allowance of 33 days. The Notice to Proceed was issued on January 3, 2022, which established November 29, 2022 as the Contract's original Final Completion Date. During construction, WASD approved 22-calendar days through the Contract's Contingency Time Allowance, which revised the Final Completion Date to December 21, 2022.

Change Order No. 1 to the Contract increased the Contract amount by \$758,703.99, for a total Contract amount of \$9,874,969.31, due to an emergency that arose during the Project, which required the replacement of a failed 60-inch valve, pipeline modifications, and construction sequencing adjustments to prevent system failures and ensure uninterrupted water service. Change Order No. 1 further granted a 631-day non-compensable time extension, which moved the Final Completion Date from December 21, 2022 to September 12, 2024 and replenished 33 days to the Contingency Time Allowance. Change Order No. 1 to the Contract was approved on April 2, 2025 and was ratified by the Board on June 26, 2025, via Resolution No. R-614-25.

As mentioned in the Mayor's Memorandum for Change Order No. 1, WASD and the EOR have been evaluating additional work that was needed in order to complete the original scope of the Contract. As a result of that evaluation, Change Order No. 2 is being presented to the Board for approval. Change Order No. 2 increases the Contract award by \$7,405,411.65 to address additional deferred maintenance issues and structural deficiencies that were identified as the Project progressed. A copy of the Change Order is attached hereto as Exhibit B. Change Order No. 2 includes \$728,795.25 for pipeline sequence reconfiguration, and in addition, includes \$5,895,000.00 to be allocated to several Dedicated Allowance accounts to be used for the rehabilitation of the existing 72-inch PCCP water main to avoid a potential pipe failure, along with other essential infrastructure improvements, to ensure the long-term redundancy and resiliency of the system. Due to the complexity of the Project and the unpredictability of the underground infrastructure conditions, replenishment of the Contingency Account in the amount of \$781,616.40 is necessary in order to address additional unforeseen issues that may arise during construction., this contingency allowance will ensure that the Project stays on track while minimizing costly disruptions and avoiding potential delays. Through Change Order No. 2, the Contract's Final Completion Date will be extended from September 12, 2024, to May 5, 2026.

Pipeline Sequence Reconfiguration – \$728,795.25 and 210-day non compensable time extension

During excavation, critical deficiencies in the header structure were uncovered, including unrestrained tees, corroded joints, and missing thrust blocks, which all posed a serious risk of leaks, failure, and structural instability. Typically, these tees would have been supported by reinforced concrete thrust blocks, but excavation revealed none were in place. Additionally, unforeseen obstructions required modifications to the pipeline routing, which delayed installation and necessitated on-site engineering adjustments.

To prevent pipe failure and service interruption, WASD directed the Contractor to develop a revised sequencing plan, which included relocation of a 72-inch valve, valve vault, access manhole, and bulkhead cap to stabilize the system and ensure proper flow. Additional reinforced concrete thrust blocks were designed and installed, and the old tees were rehabilitated to restore long-term operability. This work required multiple remobilizations while awaiting necessary long-lead parts to accommodate for the resequencing of the water flow. Once received, the Contractor dewatered the system, installed interconnections between the headers, poured a reinforced 30 cubic yard thrust block, re-grouted compromised joints, and rebuilt the vaults to restore system integrity.

The Contractor will be compensated for this additional work through Change Order No. 2. A 210-day non-compensable time extension is required to accommodate the resequencing effort, procurement of long-lead items, and necessary remobilizations to complete the work efficiently.

Five Dedicated Allowances (DA) totaling \$5,895,000.00 will be created through this Change Order to address several issues that have been discovered during construction:

DA1: Wholesale Water Meter Upgrade – \$665,000.00 and 30-day non compensable time extension

The 30-inch wholesale venturi water meter serving the City of Hialeah needed to be replaced to ensure proper operability under the enhanced hydraulic conditions provided by the new pipeline and valves. The meter is located within the Project's construction area, and its replacement was identified as a best practice to prevent future service disruptions, support long-term operational reliability, and ensure accurate flow measurement in the sale of finished water to Hialeah. As part of this effort, WASD identified necessary upgrades, including demolition and disposal of the existing infrastructure, replacement of the vault lid and associated piping, and restoration of unforeseen buried stormwater drainage structures encountered during excavation. A Dedicated Allowance of \$665,000.00 will be established to address the required replacements and associated infrastructure improvements. A 30-day non-compensable time extension is necessary to complete the demolition, installation, and restoration of the meter vault and associated piping while minimizing service interruptions.

DA2: Well House No. 5 Structural Stabilization – \$250,000.00 and 30-day non compensable time extension

Well houses are critical infrastructure that house essential well equipment, including pumps, motors, and electrical systems, which ensure the reliable extraction and delivery of groundwater to the treatment plant. During construction of the 72-in pipe within the Preston WTP, settlement issues were identified at Well House No. 5. These issues were worsened by excavation activities in the surrounding area while the well remained in operation.

Stabilizing the structure is necessary to ensure the continued reliability of raw water pumping. More importantly, this work must be completed in coordination with trench backfilling and soil stabilization efforts for the 72-in pipe; otherwise, the well house could sustain permanent damage, potentially resulting in the loss of raw water supply.

A Dedicated Allowance of \$250,000.00 will be established for the structural stabilization work at Well House No. 5. These improvements are essential to prevent future disruptions and to maintain the Plant's operational integrity. A 30-day non-compensable time extension will be required to complete the stabilization work.

DA3: Replacement of Failing 60-inch North Header Valve – \$650,000.00 and 50-day non compensable time extension

During construction of the 72-inch pipeline, the Contractor encountered an unforeseen condition: a leak in the valve located on the North header, where the new 72-inch line is intended to connect. This leak compromises the

reliability of the system and undermines the purpose of the redundant 72-inch pipeline because it should not connect to a valve that has been identified as failing. The valve, which dates back to 1964, has exceeded its useful lifespan and must be replaced to ensure proper functionality—particularly for open and close operations during routine maintenance or emergency shutdowns. The replacement will require precise excavation and removal of a pipe segment, followed by reconstruction to allow for proper installation and seamless integration of the new valve. Additionally, the Contractor will rebuild the associated vault and access manhole to enhance long-term system reliability.

A Dedicated Allowance of \$650,000.00 will be established to cover the construction, installation, and associated infrastructure improvements. These upgrades will restore proper pressure regulation, eliminate backflow risks, and enhance the overall operational resilience of the system. A 50-day non-compensable time extension is necessary due to the long lead time for the required components and the complexity of the installation process.

DA4: Removal and Closure of Failed 60-inch Valve – \$300,000.00 and 10-day non compensable time extension

As part of Change Order No. 1, the Contractor performed urgent work to mitigate the leaking and cracked 60-inch butterfly valve, which was identified during a critical phase of construction. To quickly stabilize the situation, a double valve system was installed; however, the old valve now needs to be fully removed to allow the new valve to function at full capacity. To complete this work, the Contractor must cut into the 60-inch pipe connected to the existing 72-inch main, remove the failed valve, and reconstruct the section using PCCP adapters and a closure piece. This work must be performed immediately because the new 72-inch pipe is being placed into service, and its capacity is currently restricted by the old, partially closed valve.

A Dedicated Allowance of \$300,000.00 will be established to cover the cost of parts procurement, excavation, valve removal, and closure installation. These modifications are essential to restore full flow and pressurization of the 72-inch pipeline, facilitate future maintenance, and enhance overall system reliability. A 10-day non-compensable time extension is required to safely complete the removal and closure work while minimizing disruptions to water service.

DA5: Internal Relining of Aging 72-inch PCCP Water Main – \$4,030,000.00 and 270-day non compensable time extension

The existing 72-inch PCCP water main, installed in 1968, was manufactured by Interpace Corporation—a defunct company known for producing defective pipe prone to catastrophic failures due to hydrogen embrittlement and corrosion. Given its age and the manufacturer’s documented history of failure, the pipeline is now considered a critical risk to the system’s integrity.

The deteriorated condition of this pipe was only discovered once construction was underway because a prior inspection was not feasible without dewatering or shutting down the line—actions that could not be taken until a redundant pipeline was in place. Now that the new 72-inch pipe is being installed, this is the only practical opportunity to address the issue without future service interruptions or costly remobilization. Rehabilitating the existing pipeline at this time is essential to realizing the Project’s intended system redundancy and ensuring long-term operational reliability.

To restore structural integrity, the Contractor will install a new liner within the existing pipe, which will significantly extend its service life while minimizing disruption to the surrounding area. The scope includes excavation of entrance and exit pits, installation of sheet piling and concrete slabs, furnishing and installing the structural liner, and completing all necessary connections and custom components. This rehabilitation will deliver the true redundancy originally envisioned by this Project, enhance system resiliency, and improve long-term maintenance flexibility.

A Dedicated Allowance of \$4,030,000.00 will be established to cover the costs of design, materials procurement, excavation, relining, and associated construction work. A 270-day non-compensable time extension is required to allow for design finalization, procurement of long-lead items, and safe execution of this critical work.

Contingency Fund for Unforeseen Infrastructure Issues - \$781,616.40

Given the complexity of the Project and the unpredictability of the underground infrastructure conditions, replenishment of the Contingency Account is necessary in order to address additional unforeseen issues that may arise during construction. Replenishing the Contingency Account will ensure that the Project stays on track while minimizing costly disruptions and avoiding potential delays.

Small Business Enterprise Measures

The Contract was awarded with a 5.47 percent SBE – Construction goal and a 2.90 percent SBE – Goods goal.

SBE-Con Goal

At the time of bid, the Contractor proposed to meet the SBE-Con goal by having SBE-Con firm Caruva, Inc. (Caruva) perform water and sewer line and related structures work for 5.18 percent and A&M Brothers Concrete Corp. (A&M) perform poured concrete flatwork for 0.29 percent. Caruva performed \$62,370.00 (0.52 percent) of work, then withdrew from the Project because it needed its crews to work on other projects. Due to the complexity of Caruva's remaining post-compression concrete pipeline work, WASD recommends the work be performed by the Contractor. As such, it is recommended that, through Change Order No. 2, the SBE-Con goal be reduced to 0.81 percent, equal to the 0.52 percent performed by Caruva plus the 0.29 percent committed to A&M. If this Change Order is approved, this revision to the SBE-Con goal will equate to award of at least \$88,807.17 in work to be performed by small businesses.

SBE-Goods Goal

Resolution No. R-1001-15 requires County contracts with small business measures to meet at least 85 percent of the small business measures applicable to the portion of the contract work performed to date before a change order or contract amendment is considered for Board approval. Here, to date, the Contractor has requisitioned and been paid \$8,850,965 for work performed, which, in turn, requires that the SBE-Goods firm to have performed \$218,176 of the work in order to be in compliance with Resolution No. R-1001-15. To date, the SBE-Goods firm has performed and been paid \$420,268. The Contractor is, therefore, in compliance with the Resolution.

See the SPD e-mail attached hereto as Exhibit C.

Attachments



Roy Coley
Chief Utilities and Regulatory Services Officer

Exhibit A

Change Order No. 2 to Contract No. W-942

Type of Solicitation	Contract No.	Project Name	Firm Awarded	Commission District	Change Order Amount	Original Contract Amount	Funding Source(s)	Est. Start Date	Contract Measures	Brief Project Description
Contract Type	Project No.				Change Order Time	Adjusted Contract Amount		Est. End Date		Change Order Description
County Bid Process/ Construction Contract	Contract No. W-942	72-Inch Water Main in West 2nd Avenue Between 11th Street and 13th Street	Lanzo Construction Co., Florida	District 6 - Commissioner Natalie Milian Orbis	\$7,405,411.65; 600 calendar-day time extension	Original Contract Amount \$9,116,265.32; Adjusted Contract Amount \$9,874,969.31 to \$17,280,380.96	WASD Revenue Bonds Sold, Future WASD Revenue Bonds	Notice to Proceed Date 01/03/2022 Completion Date 05/05/2026	SBE Const. -0.81%; SBE Goods & Services - 2.90%	This project consists of the construction of a 72-inch Prestressed Concrete Cylinder Pipe (PCCP) water main to be installed along West 2nd Avenue between 11th Street and 13th Street, within and near WASD's Preston Water Treatment Plant in the City of Hialeah, Florida. Change Order No. 2 increases the Contract amount by \$7,405,411.65 and grants a 600-day time extension to complete critical infrastructure improvements at the Preston Water Treatment Plant, thereby extending the Contract's Final Completion Date from September 12, 2024, to May 5, 2026.

EXHIBIT B

Bond No. 013131401

MIAMI-DADE COUNTY, FLORIDA

WATER AND SEWER

CHANGE ORDER TO ORIGINAL CONTRACT



CHANGE ORDER NO: 2

CONTRACT NO: W-942

DATE: 7/18/2025

PROJECT TITLE: 72-Inch Water Main In West 2nd Avenue Between 11th Street and 13th Street

TO CONTRACTOR: LANZO CONSTRUCTION CO FLORIDA 2600 SW 3rd Avenue, Suite # 301 Miami, Florida 33129

YOU ARE HEREBY REQUESTED TO MAKE THE FOLLOWING CHANGES IN THE PLANS AND SPECIFICATIONS FOR THIS PROJECT AND TO PERFORM THE WORK ACCORDINGLY, SUBJECT TO ALL CONTRACT STIPULATIONS AND COVENANTS.

Description of work authorized:

Change Order No. 2 increases the Contract amount by \$7,405,411.65 to complete critical infrastructure improvements at the Hialeah and Preston Water Treatment Plants. The additional work includes pipeline sequence reconfiguration, wholesale water meter replacement, well house stabilization, replacement and removal of failing 60-inch valves, structural relining of the aging 72-inch PCCP water main, and replenishment of the Contract Contingency Allowance. (Continued below)

Monetary Justification:

Contract No. W-942 was awarded to Lanzo Construction Co., Florida (the Contractor) on August 27, 2021 for a 72-Inch Water Main in West 2nd Avenue Between 11th Street and 13th Street. The award was ratified by the Board of County Commissioners (the Board) on February 1, 2022, via Resolution No. R-125-22. The total Contract award was \$9,116,265.32 with a Contingency Allowance of \$781,616.40 (Continued below)

Time Justification:

The Notice to Proceed was issued on January 3, 2022, which established November 29, 2022 as the Contract's original Final Completion Date. During construction, WASD approved 22-calendar days through the Contract's Contingency Time Allowance, which revised the Final Completion Date to December 21, 2022.

Change Order No. 1 to the Contract increased the Contract duration 631 days due (Continued below)

This change order includes not only all direct costs of contractor such as labor, material, job overhead, and profit markup; but also includes any costs for modifications or changes in sequence of work to be performed, delays, rescheduling, disruption, extended direct overhead or general overhead, acceleration, material or other escalation which include wages and other impact costs.

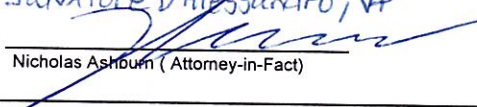
Contractor hereby waives, fully releases, discharges and acquits Miami-Dade County of any and all liability for claims, additional costs, and any requests for additional time arising out of the fulfillment of the contract and this change order from the date of the contract award to and including execution of this change order.

SUMMARY OF CONTRACT AMOUNT / TIME

ORIGINAL CONTRACT AMOUNT-----	\$9,116,265.32
COST OF CHANGES PREVIOUSLY ORDERED-----	\$758,703.99
ADJUSTED CONTRACT AMOUNT PRIOR TO THIS CHANGE-----	\$9,874,969.31
COST OF CHANGES WITH THIS DOCUMENT-----	\$7,405,411.65
ADJUSTED CONTRACT AMOUNT INCLUDING THIS CHANGE-----	\$17,280,380.96
PERCENT INCREASE WITH THIS CHANGE-----	75%
TOTAL PERCENT INCREASE TO DATE-----	90%
TIME: ORIGINAL CONTRACT / PREVIOUS CHANGES / THIS CHANGE-----	330 / 631 / 600
CONTINGENCY TIME: ORIGINAL CONTRACT / PREVIOUS CHANGES / THIS CHANGE-----	33 / 33 / 60
ADJUSTED DURATION INCLUDING THIS CHANGE-----	1687

CERTIFYING STATEMENT:

The Contractor certifies that the changes and supporting cost data included is in its considered opinion necessary and accurate and that the prices quoted are fair and reasonable.

Accepted By:			
Organization	Name	Title	Date
LANZO CONSTRUCTION CO FLORIDA	 Salvatore D'Alessandro, VP	Contractor	7/21/2025
Surety, Liberty Mutual Insurance Company	 Nicholas Ashburn (Attorney-in-Fact)	Surety	7/21/2025

Title	Name	Date
Approved By: <u>County Attorney</u> (for legal sufficiency)	 Sandra E. Garcia	8/15/25
Approved By: <u>County Mayor</u>	_____	_____
Attested By: <u>Clerk of the Board</u>	_____	_____

MDC008

Description of work authorized: (Continued)

It also grants a 600-day non-compensable time extension to complete the additional work with an addition to the Contingency Allowance of 60 days. In addition, the Small Business Enterprise goal will be reduced by the actual work performed by Caruva, Inc.

Time Justification: (Continued)

to delays caused by supply chain shortages, emergency stabilization of a discovered leak in a 60-inch valve to prevent excavation flooding and utility conflicts with the proposed sanitary sewer line. Change Order No. 1 revised the Final Completion Date to September 12, 2024.

To successfully complete the required work outlined in the Monetary Justification, a time extension of 600 non-compensable calendar days is requested through this Change Order No. 2. The requested days are allocated as follows:

- Pipeline Sequence Reconfiguration – 210 days
- Wholesale Water Meter Upgrade – 30 days
- Well House #5 Stabilization – 30 days
- Replacement of 60-inch North Header Valve – 50 days
- Removal and Closure of Failed 60-inch Valve – 10 days
- Internal Relining of 72-inch PCCP Water Main – 270 days

In addition, through this Change Order, the Contingency Time Allowance will be replenished with an additional 60 days to account for unforeseen conditions, weather-related impacts, and other necessary adjustments that may arise.

Monetary Justification: (Continued)

and a Contract duration of 330 days with a Contingency Time Allowance of 33 days.

Change Order No. 1 to the Contract increased the Contract Award by \$758,703.99 for: emergency stabilization of a discovered leak in a 60-inch valve to prevent excavation flooding; replacement of the damaged 60-inch valve; modification of the 72-inch connection points to account for unexpected pipeline conditions; removal of an obstructing thrust block and necessary structural stabilization to support the new installation; and 24-hour construction shifts to complete the work as quickly as possible.

Change Order No. 2 increases the Contract Award by \$7,405,411.65 to address additional deferred maintenance issues and structural deficiencies that were identified as the project has progressed. It includes \$728,795.25 for pipeline sequence reconfiguration that has already been completed and includes \$5,895,000.00 to be allocated to several Dedicated Allowance accounts to be used for the rehabilitation of the existing 72-inch PCCP water main to avoid a potential pipe failure, along with other essential infrastructure improvements, to ensure the long-term redundancy and resiliency of the system.

Pipeline Sequence Reconfiguration - \$728,795.25

During excavation, critical deficiencies in the header structure were uncovered, including unrestrained tees, corroded joints, and missing thrust blocks, which all posed a serious risk of leaks, failure, and structural instability. Typically, these tees would have been supported by reinforced concrete thrust blocks, but excavation revealed none were in place. Additionally, unforeseen obstructions required modifications to the pipeline routing, which delayed installation and necessitated on-site engineering adjustments.

To prevent pipe failure and service interruption, Miami-Dade County Water and Sewer Department (WASD) directed the Contractor to develop a revised sequencing plan, which included relocation of a 72-inch valve, valve vault, access manhole, and bulkhead cap to stabilize the system and ensure proper flow. Additional reinforced concrete thrust blocks were designed and installed, and the old tees were rehabilitated to restore long-term operability. This work required multiple remobilizations while awaiting necessary long-lead parts to accommodate for the resequencing of the water flow. Once received, the Contractor dewatered the system, installed interconnections between the headers, poured a reinforced 30 cubic yard thrust block, re-grouted compromised joints, and rebuilt the vaults to restore system integrity.

The Contractor will be compensated for this additional work through this Change Order. A 210-day non-compensable time extension is required to accommodate the resequencing effort, procurement of long-lead items, and necessary remobilizations to complete the work efficiently.

Five Dedicated Allowances (DA) totaling \$5,895,000.00 will be created through this Change Order to address several issues that have been discovered during construction:

DA1: Wholesale Water Meter Upgrade - \$665,000.00

The 30-inch wholesale venturi water meter serving the City of Hialeah needed to be replaced to ensure proper operability under the enhanced hydraulic conditions provided by the new pipeline and valves. The meter is located within the project's construction area, and its replacement was identified as a best practice to prevent future service disruptions, support long-term operational reliability, and ensure accurate flow measurement in the sale of finished water to Hialeah. As part of this effort, WASD identified necessary upgrades, including demolition and disposal of the existing infrastructure, replacement of the vault lid and associated piping, and restoration of unforeseen buried stormwater drainage structures encountered during excavation. A Dedicated Allowance of \$665,000.00 will be established to address the required replacements and associated infrastructure improvements. A 30-day non-compensable time extension is necessary to complete the demolition, installation, and restoration of the meter vault and associated piping while minimizing service interruptions.

DA2: Well House No. 5 Structural Stabilization - \$250,000.00

Well houses are critical infrastructure that house essential well equipment, including pumps, motors, and electrical systems, which ensure the reliable extraction and delivery of groundwater to the treatment plant. During construction of the 72-in pipe within the John E. Preston Water Treatment Plant (JEPWTP), settlement issues were identified at Well House No. 5. These issues were worsened by excavation activities in the surrounding area while the well remained in operation.

Stabilizing the structure is necessary to ensure the continued reliability of raw water pumping. More importantly, this work must be completed in coordination with trench backfilling and soil stabilization efforts for the 72-in pipe; otherwise, the well house could sustain permanent damage, potentially resulting in the loss of raw water supply.

A dedicated allowance of \$250,000.00 will be established for the structural stabilization work at Well House No. 5. These improvements are essential to prevent future disruptions and to maintain the plant's operational integrity. A 30-day non-compensable time extension will be required to complete the stabilization work.

DA3: Replacement of Failing 60-inch North Header Valve - \$650,000.00

During construction of the 72-inch pipeline, the Contractor encountered an unforeseen condition: a leak in the valve located on the North header, where the new 72-inch line is intended to connect. This leak compromises the reliability of the system and undermines the purpose of the redundant 72-inch pipeline, as it should not connect to a valve that has been identified as failing. The valve, which dates back to 1964, has exceeded its useful lifespan and must be replaced to ensure proper functionality—particularly for open and close operations during routine maintenance or emergency shutdowns. The replacement will require

precise excavation and removal of a pipe segment, followed by reconstruction to allow for proper installation and seamless integration of the new valve. Additionally, the Contractor will rebuild the associated vault and access manhole to enhance long-term system reliability.

A Dedicated Allowance of \$650,000.00 will be established to cover the construction, installation, and associated infrastructure improvements. These upgrades will restore proper pressure regulation, eliminate backflow risks, and enhance the overall operational resilience of the system. A 50-day non-compensable time extension is necessary due to the long lead time for the required components and the complexity of the installation process.

DA4: Removal and Closure of Failed 60-inch Valve - \$300,000.00

As part of Change Order No. 1, the Contractor performed urgent work to mitigate the leaking and cracked 60-inch butterfly valve, which was identified during a critical phase of construction. To quickly stabilize the situation, a double valve system was installed; however, the old valve now needs to be fully removed to allow the new valve to function at full capacity. To complete this work, the Contractor must cut into the 60-inch pipe connected to the existing 72-inch main, remove the failed valve, and reconstruct the section using PCCP adapters and a closure piece. This work must be performed immediately, as the new 72-inch pipe is being placed into service, and its capacity is currently restricted by the old, partially closed valve.

A dedicated allowance of \$300,000.00 will be established to cover the cost of parts procurement, excavation, valve removal, and closure installation. These modifications are essential to restore full flow and pressurization of the 72-inch pipeline, facilitate future maintenance, and enhance overall system reliability. A 10-day non-compensable time extension is required to safely complete the removal and closure work while minimizing disruptions to water service.

DA5: Internal Relining of Aging 72-inch PCCP Water Main - \$4,030,000.00

The existing 72-inch Prestressed Concrete Cylinder Pipe (PCCP) water main, installed in 1968, was manufactured by Interpace Corporation—a defunct company known for producing defective pipe prone to catastrophic failures due to hydrogen embrittlement and corrosion. Given its age and the manufacturer's documented history of failure, the pipeline is now considered a critical risk to the system's integrity.

The deteriorated condition of this pipe was only discovered once construction was underway, as prior inspection was not feasible without dewatering or shutting down the line—actions that could not be taken until a redundant pipeline was in place. Now that the new 72-inch pipe is being installed, this is the only practical opportunity to address the issue without future service interruptions or costly remobilization. Rehabilitating the existing pipeline at this time is essential to realizing the project's intended system redundancy and ensuring long-term operational reliability.

To restore structural integrity, the Contractor will install a new liner within the existing pipe, significantly extending its service life while minimizing disruption to the surrounding area. The scope includes excavation of entrance and exit pits, installation of sheet piling and concrete slabs, furnishing and installing the structural liner, and completing all necessary connections and custom components. This rehabilitation will deliver the true redundancy originally envisioned by this project, enhance system resiliency, and improve long-term maintenance flexibility.

A Dedicated Allowance of \$4,030,000.00 will be established to cover the costs of design, materials procurement, excavation, relining, and associated construction work. A 270-day non-compensable time extension is required to allow for design finalization, procurement of long-lead items, and safe execution of this critical work.

Contingency Fund for Unforeseen Infrastructure Issues - \$781,616.40

Given the complexity of the project and the unpredictability of the underground infrastructure conditions, replenishment of the contingency fund is necessary to account for additional unforeseen issues that may arise during construction. Maintaining this contingency ensures that the project stays on track while minimizing costly disruptions and avoiding potential delays.

Small Business Enterprise (SBE) Goal

The Contract was awarded with a 5.47 percent SBE – Construction (SBE-Con) goal and a 2.90 percent SBE – Goods goal. At the time of bid, the Contractor proposed to meet the SBE-Con goal by having SBE-Con firm Caruva, Inc. (Caruva) perform water and sewer line and related structures work for 5.18 percent and A&M Brothers Concrete Corp. (A&M) perform poured concrete flatwork for 0.29 percent. Caruva performed \$46,970.00 (0.52 percent) of work then withdrew from the project because it needed its crews to work on other projects.

Due to the complexity of Caruva's remaining post compression concrete pipeline work, WASD Construction Management recommends the work be performed by the Contractor. As such, it is recommended that, through this Change Order, the SBE-Con goal be reduced to 0.81 percent, which is equal to the 0.52 percent performed by Caruva to date plus the 0.29 percent committed to A&M.

Conclusion

Change Order No. 2: (1) increases the Contract Amount by \$7,405,411.65, thereby bringing the Contract award up from \$9,874,969.31 to \$17,280,380.96; (2) grants a 600-day time extension to the Contract, thereby extending the Contract's Final Completion Date from September 12, 2024 to May 5, 2026; (3) adds 60 days to the Contract's Contingency Time Allowance; and (4) reduces the SBE-Con goal from 5.47 percent to 0.81 percent.

Time Justification Declaration:

A time extension is provided for additional work performed outside the scope of the original Contract that affects the critical path schedule of the contracted work or previously approved changes. Should additional work be required which does not affect the critical path schedule, no time extension will be granted. Should one item of additional work run concurrent with another item of additional work, only time not duplicated can be provided.



POWER OF ATTORNEY

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: **8213450-013068**

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Nicholas Ashburn; Robert D. Heuer; Paul H. Hurley; Michael D. Lechner; Mark Madden; Richard McGregor; Holly Nichols; Jason Rogers

all of the city of Rochester state of MI each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 25th day of March, 2025.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: Nathan J. Zangerle
Nathan J. Zangerle, Assistant Secretary

State of PENNSYLVANIA
County of MONTGOMERY ss

On this 25th day of March, 2025 before me personally appeared Nathan J. Zangerle, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



Commonwealth of Pennsylvania - Notary Seal
Teresa Pastella, Notary Public
Montgomery County
My commission expires March 28, 2029
Commission number 1126044
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes Nathan J. Zangerle, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 21st day of July, 2025.



By: Renee C. Llewellyn
Renee C. Llewellyn, Assistant Secretary

Exhibit C

From: [Hidalgo-Gato, Alice \(SPD\)](#)
To: [Brown, Edith D. \(WASD\)](#); [Hines, Patrick \(SPD\)](#)
Cc: [Colas, Doming \(SPD\)](#); [Gonzalez, Jose A. \(WASD\)](#)
Subject: RE: W-942 Change Order No. 2 SBE Compliance Review
Date: Thursday, July 31, 2025 4:00:09 PM
Attachments: [image001.png](#)
[image002.png](#)

Good afternoon Edith,

Project No. W-942 was awarded with a 5.47% Small Business Enterprise – Construction (SBE-Con) goal and a 2.9% Small Business Enterprise – Goods (SBE-Goods) goal. Change Order No. 1 increases the contract time and value.

SBE-Construction Goal

At time of bid, the prime contractor, Lanzo Construction Co. of Florida (Lanzo), proposed to meet the SBE-Con goal by having Caruva, Inc. (Caruva) perform water and sewer line and related structures work for 5.18% and A & M Brothers Concrete Corp. (A&M) to perform poured concrete flatwork for 0.29%. Caruva performed \$62,370 of work then withdrew from the project because it needed its crews for other commitments.

Water and Sewer Department (WASD) staff is recommending the SBE-Con goal be reduced to exclude the balance of the work committed to Caruva due to the complexity of the post compression concrete pipeline work needed to be performed by the prime. Pursuant to the SBE-Code, after bid advertisement the established subcontractor goal may be reduced only with the approval of the Board of County Commissioners (BCC). As such, WASD is including its recommendation in Change Order No. 2 that SBE-Con subcontractor goal be reduced to \$88,807.17 for the \$62,370 paid to Caruva and the \$26,437 committed to A&M, which is equal to 0.54% of the revised contract amount if Change Order No. 2 is approved.

SBE-Goods Goal

Resolution No. R-1001-15 requires County contracts with small business measures meet at least 85 percent of the small business measures applicable to the portion of the contract work performed to date before a change order or contract amendment is considered for Board approval. The prime has requisitioned and been paid \$8,850,965 requiring the SBE-Goods firm to have performed \$218,176 for compliance with Resolution R-1001-15. To date, the SBE-Goods firm has performed and been paid \$420,268 in compliance with Resolution R-1001-15.

Please contact me if additional information is needed.

Regards, Alice

Alice Hidalgo-Gato, CFE, Section Chief
Strategic Procurement Department
Contract Monitoring and Compliance Section
111 NW 1st Street, 19th Floor

Miami, FL 33128
Office: (305) 375-3153
Cell: (645) 214-4764
Fax: (305) 375-3160

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All Lobbyists must register prior to meeting with County Personnel. [Register online](#) or in person at Clerk of the Board (COB), 111 NW First Street, 17th Floor. The COB may be contacted at (305) 375-5137.

From: Brown, Edith D. (WASD) <Edith.Brown@miamidade.gov>
Sent: Tuesday, July 1, 2025 12:39 PM
To: Hines, Patrick (SPD) <Patrick.Hines@miamidade.gov>
Cc: Hidalgo-Gato, Alice (SPD) <Alice.Hidalgo-Gato@miamidade.gov>; Bravo, Yanira (SPD) <Yanira.Bravo@miamidade.gov>; Gonzalez, Jose A. (WASD) <Jose.Gonzalez3@miamidade.gov>
Subject: W-942 Change Order No. 2 SBE Compliance Review

Good afternoon Patrick,

We are preparing Change Order 2 for contract W-942 and are requesting a SBE Change Order Compliance review. A draft copy of the change order is attached for your use.

There are no pending requisitions. The amount paid to date is for work through March 5, 2025.

Category	Paid to Date
Base Amount	\$7,625,719.10
Contingency Allowance	641,538.58
Dedicated Allowance	61,108.50
Change Order	<u>758,703.99</u>
Total	\$9,087,070.17

Thank you,

Edith D. Brown, CPA, Interim Assistant Director

Contract Compliance and Monitoring
Miami-Dade County Water and Sewer Department

3575 S LeJeune Road, 3rd Floor, Miami, FL 33146

P.O. Box 330316 Miami, FL 33233

786.268.5188 Phone

786.747.8573 Cell

www.miamidade.gov/water

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MEMORANDUM (Revised)

TO: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

DATE: December 2, 2025

FROM: 
Gen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 8(O)(3)

Please note any items checked.

- _____ **"3-Day Rule" for committees applicable if raised**
- _____ **6 weeks required between first reading and public hearing**
- _____ **4 weeks notification to municipal officials required prior to public hearing**
- _____ **Decreases revenues or increases expenditures without balancing budget**
- _____ **Budget required**
- _____ **Statement of fiscal impact required**
- _____ **Statement of social equity required**
- _____ **Ordinance creating a new board requires detailed County Mayor's report for public hearing**
- _____ **No committee review**
- _____ **Applicable legislation requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, majority plus one ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3) (h) or (4)(c) ____, CDMP 9 vote requirement per 2-116.1(4)(c) (2) ____)** to approve
- _____ **Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required**

Approved Danielle Lerie Cohen Mayor
Veto _____
Override _____

Agenda Item No. 8(O)(3)
12-2-25

RESOLUTION NO. _____ R-1159-25

RESOLUTION APPROVING CHANGE ORDER NO. 2 TO CONTRACT NO. W-942, 72-INCH WATER MAIN IN WEST 2ND AVENUE BETWEEN 11TH STREET AND 13TH STREET, BETWEEN LANZO CONSTRUCTION CO., FLORIDA AND MIAMI-DADE COUNTY, WHICH GRANTS A 600-DAY NON-COMPENSABLE TIME EXTENSION TO THE CONTRACT AND INCREASES THE TOTAL CONTRACT AMOUNT BY \$7,405,411.65, THEREBY BRINGING THE TOTAL AWARD UP FROM \$9,874,969.31 TO \$17,280,380.96; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE SAME AND EXERCISE THE PROVISIONS CONTAINED THEREIN

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board approves Change Order No. 2 to Contract No. W-942, 72-Inch Water Main in West 2nd Avenue Between 11th Street and 13th Street, between Lanzo Construction Co., Florida and Miami-Dade County. Change Order No. 2, attached to the accompanying memorandum as Exhibit B, grants a 600-day non-compensable time extension to the Contract and increases the total Contract amount by \$7,405,411.65, thereby bringing the total Contract award up from \$9,874,969.31 to \$17,280,380.96. The Board further authorizes the County Mayor or County Mayor's designee to execute Change Order No. 2 and exercise the provisions contained therein.

The foregoing resolution was offered by Commissioner **Danielle Cohen Higgins** , who moved its adoption. The motion was seconded by Commissioner **Kionne L. McGhee** and upon being put to a vote, the vote was as follows:

Anthony Rodriguez, Chairman	aye		
Kionne L. McGhee, Vice Chairman	aye		
Marleine Bastien	aye	Juan Carlos Bermudez	aye
Sen. René García	aye	Oliver G. Gilbert, III	aye
Roberto J. Gonzalez	absent	Keon Hardemon	aye
Danielle Cohen Higgins	aye	Vicki L. Lopez	aye
Natalie Milian Orbis	aye	Raquel A. Regalado	aye
Micky Steinberg	absent		

The Chairperson thereupon declared this resolution duly passed and adopted this 2nd day of December, 2025. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.



MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

JUAN FERNANDEZ-BARQUIN, CLERK

By: Basia Pruna
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

SED

Sarah E. Davis