

Resolution: \_\_\_\_\_

**A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, AUTHORIZING THE CITY MANAGER TO NEGOTIATE AND EXECUTE AN AMENDMENT TO THAT CERTAIN CONTRACT (THE "CONTRACT") DATED JUNE 2, 2023 BY AND BETWEEN THE CITY AND STRUCTURAL PRESERVATION SYSTEMS, LLC, PURSUANT TO INVITATION TO BID NO. 2023-042-DF, FOR REPAIRS TO BRIDGE NO. 876719 ON 77TH STREET (THE "77TH STREET BRIDGE") OVER THE TATUM WATERWAY; SAID AMENDMENT APPROVES ADDITIONAL CONSTRUCTION SERVICES IN THE AMOUNT OF \$71,235.29 TO IMPLEMENT A TEMPORARY, ENGINEERED, SHORING SYSTEM IN KEY POINTS NEEDED TO PROVIDE STABILITY TO THE 77TH STREET BRIDGE DURING ITS REHABILITATION, UTILIZING THE REMAINING CONTRACT BALANCE IN THE AMOUNT OF \$65,059.43, THEREBY INCREASING THE CONTRACT PRICE BY \$6,175.86 TO A TOTAL PROJECT COST OF \$665,059.36.**

**WHEREAS**, bridge no. 876719 on 77th Street (the "77th Street Bridge"), located in the Biscayne Point neighborhood between Hawthorne Avenue and Tatum Waterway Drive, serves as a critical path for residents and emergency services; and

**WHEREAS**, based on consistent evaluations by the Florida Department of Transportation ("FDOT") in 2022 and 2024, the 77th Street Bridge has been receiving an average sufficiency rating of 62, below FDOT's recommended minimum threshold of 70; and

**WHEREAS**, this average sufficiency rating of 62 indicates a borderline condition – not yet critical, but in need of attention – and acts as a decision point to begin planning repairs or more frequent monitoring to prevent further deterioration; and

**WHEREAS**, pursuant to Invitation to Bid No. 2023-042-DF, Structural Preservation Systems, LLC ("SPS") was awarded a contract to perform substructure and superstructure work to the 77th Street Bridge, including concrete repairs, pile jacket installations and other restorative work (the "Project"); and

**WHEREAS**, the awarded contract amount to SPS totaled \$658,883.50, including a 10% contingency of \$59,898.50; and

**WHEREAS**, the Project began in June 2024; and

**WHEREAS**, during the restorative work, SPS encountered previously unidentified, severely deteriorated, concrete elements on key structural pillars including beams, bent caps and pilings; and

**WHEREAS**, these deteriorated concrete elements were not visible or foreseeable when the bid was presented; and

**WHEREAS**, to safely proceed with the Project, SPS implemented a temporary engineered shoring system (the "Shoring System") in key points (DU-14/15/16, DU-6/9/17 and PC-20); and

**WHEREAS**, the Shoring System involved the coordination of a third-party structural engineer, additional field crews, specialty equipment and an extended labor schedule; and

**WHEREAS**, the conditions and additional work were documented through daily Construction Engineering Inspection ("CEI") reports, T&M (time and materials) tracking and communications between the City, a CEI consultant and SPS; and

**WHEREAS**, there is a remaining Project balance in the amount of \$65,059.43, including a remaining contingency fund for the Project in the amount of \$59,898.50, but the total cost of the Shoring System amounts to \$71,235.29; and

**WHEREAS**, the Administration finds the cost for the Shoring System fair and reasonable; and

**WHEREAS**, the Administration is requesting approval of an additional \$6,175.86 to be added to the existing contract award in the amount of \$658,883.50, for a total project cost of \$665,059.36, to cover the excess cost for the Shoring System after application of the remaining contingency fund.

**NOW, THEREFORE BE IT DULY RESOLVED BY THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA**, that the Mayor and City Commission hereby authorize the City Manager to negotiate and execute an amendment to that certain Contract (the "Contract") dated June 2, 2023 by and between the City and Structural Preservation Systems, LLC, pursuant to Invitation to Bid No. 2023-042-DF, for repairs to bridge no. 876719 on 77th Street (the "77th Street Bridge") over the Tatum Waterway; said amendment approves additional construction services in the amount of \$71,235.29 to implement a temporary, engineered, shoring system in key points needed to provide stability to the 77th Street Bridge during its rehabilitation, utilizing the remaining Contract balance in the amount of \$65,059.43, thereby increasing the contract price by \$6,175.86 to a total project cost of \$665,059.36.

**PASSED and ADOPTED** this \_\_\_\_ day of \_\_\_\_\_ 2025.

\_\_\_\_\_  
Steven Meiner, Mayor

**ATTEST:**

\_\_\_\_\_  
Rafael E. Granado, City Clerk

APPROVED AS TO  
FORM & LANGUAGE  
& FOR EXECUTION

\_\_\_\_\_  
City Attorney *CR*

*6/16/2025*  
Date