



Aug 8, 2024

SW 87 Ave Bridge
Project No
20220010

Cost

- ▶ Original Estimate - \$3,100,000
 - ▶ Joseph Miorelli, PE 3/10/2021 - “The cost estimate of \$3.1M appears **very under-estimated** when compared with recent, comparable bridge + required infrastructure projects.”
- ▶ Bids Received

Condotte America, LLC	General Building Contractor	\$5,517,500.00
Ebsary Foundation Company	Structural	\$4,866,304.51
Jones Benitez Corporation	General Building Contractor	\$6,866,462.45
MCM	General Building Contractor	\$4,499,077.10

- ▶ 2023-2024 Budget
 - ▶ Construction \$5,639,000
 - ▶ Design \$ 845,000
 - ▶ Total \$6,484,000

Timeline

- Advertise – 5/26/2022
- Open Bids – 7/6/2022
- Due Diligence review 8/2022 – 2/2024
- Process delayed due to permit issues
- Negotiation Meeting (Publicly Advertised) – 10/26/2022
- **Award – 2/20/2024**
- 1st Negotiation meeting for cost escalation 2/26/2024
- 2nd Negotiation Meeting for cost escalation 3/18/2024
- **SBD Notified for Disparity Justification Required 3/19/2024**
- **Disparity Justification 4/22/2024 (Katherine Fernandez) -----**
- **AWARD Department notice for SBD approval sent 4/23/2024**
- Pre-Construction Meeting - 3/19/2024
- Notice to Proceed - 5/28/2024
- Onsite meeting – 5/28/2024
- **Change Order No. 1 Requested 7/12/2024**

“DTPW does not consider 53% overage unreasonable due to working conditions”

Change Order #1

- Change Order No. 1 Requested 7/12/2024

“As per our conversation on the phone, you advised that the change order increases the contract amount to \$5 million dollars. Surpassing the MCC threshold. Can you please provide us with an option on how we can proceed with this change order without going to the BCC.”

Thank you in advance

Daniel Viaud, Administrative Officer 2
Capital Improvements Division
Department of Transportation and Public Works

NTSB Report

- Design Flaws: While the design was primarily the responsibility of FIGG Bridge Engineers, MCM, as the construction manager, had a duty to ensure the design's feasibility and safety during construction.
- Construction Errors: The NTSB report indicated that MCM failed to recognize and take appropriate action when significant structural cracks appeared before the collapse.
- Communication Failures: There were breakdowns in communication between MCM, the design firm, and FIU, which contributed to the tragedy.
- Inadequate Safety Measures: The decision to keep the road open beneath the bridge during a critical stress test, despite observed cracking, raises serious questions about MCM's commitment to public safety.

Recommendations

- The County must seriously reconsider whether the MCC program is the right vehicle for this bridge project. Perhaps a more specialized procurement process would better serve our needs.
- Given the concerns about the bidding process, a truly competitive process could yield better terms for our community and ensure we're partnering with the most qualified contractor.
- If the County does proceed with MCM, we need a comprehensive safety plan that goes above and beyond standard requirements. We should also implement increased oversight measures, possibly including third-party inspections throughout the construction process.
- The proposed change order requires the County to perform a more detailed review. We recommend bringing in independent engineering and cost estimation experts to review changes orders from all contractors.

SW 87 AVE BRIDGE OVER CANAL C-100

PROGRAM #: 2000002214



DESCRIPTION: Design a new bridge with a traffic lane including but not limited to a dedicated bike lane with physical separation from sidewalk and motor vehicle traffic lane, a sidewalk and curb, gutters in both directions, a storm drainage system, signage and pavement markings, and lighting of roadway and landscaping along the length of the project; project extends from SW 164 Street to SW 163 Terrace

LOCATION: SW 87 Ave Bridge over Canal C-100 from SW 164 St to SW 163 Ter Palmetto Bay District Located: 8 District(s) Served: 8