

City of Miami

ARTHUR NORIEGA, V
City Manager



February 18, 2021

Mr. Oscar Camejo
TAP Coordinator
Miami-Dade County
Transportation Planning Organization
150 West Flagler Street, Suite 1900
Miami, Florida 33130

Subject: City of Miami's 2021 TAP Application Submittal:

Dear Mr. Camejo;

In response to the 2021 Transportation Alternatives Program (TAP) call for applications, the City of Miami ("City") submits the enclosed Underdeck to Baywalk Connection Project ("the Project") for funding consideration.

Underdeck to Baywalk Connection- is seeking construction funding for a connection from the Heritage Trail/Underdeck to the future over-the-water pedestrian bridge/Baywalk extension. The Project will seek an agreement with FDOT to continue the access from the Baywalk and use the existing sidewalk along NE 13th Street a local road.

Once complete, the Project will connect on the west to the 1-mile Heritage Trail within the Underdeck and on the east to the Miami Baywalk a 5-mile connected waterfront trail & promenade. This connection will enhance recreation and provide a safe alternative for workers to access employment throughout Downtown Miami, and improve access to neighborhoods like Overtown and Omni.

The City expects to have a readied project allowing for construction to commence as early as 2026. We look forward to the favorable consideration and recommendation of this Project by the Transportation Planning Organization ("TPO") for Miami Dade County in this year's TAP funding cycle.

Capabilities of the Project Sponsor

As a project sponsor and applicant, the City demonstrably has the resources and expertise to timely and effectively implement Local Agency Program (LAP) funded projects in accordance with LAP guidelines to include accurate project invoicing practices and is capable and able to carry out this Project from the design through construction phase. The City has been an active LAP partner since 2009. The City's LAP team members continue to improve their knowledge base by attending LAP workshops and seminars on an ongoing basis. The City's order of magnitude estimates for the Project is based on the City's programming of similar Greenway projects carried out by the City. As a result, the City continues to achieve increased accuracy in the project cost estimation component, including estimates for required professional services.

From a project management standpoint, the City is actively engaged in eight LAP projects, all of which are on schedule. The status of the City's active LAP projects are delineated below:

| FDOT Project Number | Project Description | City Project Number | Project Status |
|----------------------------|--|----------------------------|---|
| FM 431501-1 | Safe RTS to School Infrastructure _ Frederick Douglas & Paul Dunbar | B-30624 | FDOT received plans on Jan 11, 2021 |
| FM 420917-1 | Overtown Greenway Between NW 3rd Ave & NW 6th Avenue | B-30624 | FDOT received plans on Jan 11, 2021 |
| FM 431992-1 | DDA Wayfinding & Signage System | B-30941 | Submitted plans to Miami-Dade County in January 2021 |
| FM40844-1 | Biscayne Green | B-183613 | Complete a Traffic Operation Analysis recommending build alternatives by Feb 2021 |
| FM 436609-1 | Metro mover Station Access Improvements | B-183614 | Sent 100% plans to FDOT on Dec 9 th , 2020 |
| FN 420917-2 | Overtown Greenway Along NW 11 th Street from NW 7 th Avenue to E of NW 12 th Avenue | B-173648 | Procurement preparing construction bid package. |
| FN 440837-1 | Miami River Greenway Curtis Park East | B-183603 | Typical section plans approved. Anticipating 60% plans by March 2021 |

Underdeck to Baywalk Connection

The Miami Baywalk is an 8 to 25-foot wide path extending along the edge of Biscayne Bay from Edgewater in the north, to Brickell in the south, right through the heart of Downtown. In 2019 City of Miami applied and was awarded a TAP grant to provide the I-395 Pedestrian Bridge under the MacArthur Cswy. The project lands on the north but does not connect to any publicly accessible easements. This project intends to complete the connection between the Heritage Trail/Underdeck on the west to the baywalk on the east.

Project Public Benefits

The quality of life of residents and visitors alike have been enhanced with the delivery of the Miami Baywalk improvements and the transportation enhancement accommodated by such improvements. Additionally, the anticipated Heritage Trail/Underdeck project will provide 33 acres of open space and trail in this immediate area. This project will expand the catchment area of people ability to easily and safely access the baywalk and the Heritage Trail. The Miami Baywalk will be a 5-mile connected waterfront trail & promenade that has the potential to be the spine of Downtown Miami that connects three distinct neighborhoods. The project will provide a safe transportation alternative for pedestrians and cyclists adding much needed open green space, a meeting place for events that create a sense of community, and waterfront access & equity to all residents. I-395 Pedestrian Bridge Baywalk Connection

will welcome visitors/tourists and serve as an economic development driver and selling point for prospective companies looking to relocate.

The City of Miami is ready to once again, work jointly and collaboratively with the TPO on the Underdeck to Baywalk Connection. We look forward to presenting in more detail the City's project at the forthcoming committee meetings and final FDOT Project Presentation. Should you have any questions, or seek further clarification on this funding application, please do not hesitate to contact me or my designated representative, Kelvin Kercado, Program Manager, at (305) 416-1282 or by email at kkercado@miamigov.com. We look forward to your favorable funding consideration.

Sincerely,



Digitally signed by Hector Badia
Date: 2021.02.18 17:40:46
-05'00'

Hector Badia
Interim Director
Office of Capital Improvements

Cc: Xiomara Nunez, District Local Agency Program Administrator, FDOT, District 6
Nzeribe Ihekwebaba, Assistant City Manager, City of Miami
Jorge Mora, OCI Assistant Director, City of Miami
Giraldo Marquez, OCI Chief Project Manager, City of Miami
Kelvin Kercado, OCI Program Manager, City of Miami



FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT VI
TRANSPORTATION ALTERNATIVES
APPLICATION FOR FISCAL YEAR 2026/2027
2021 Application Cycle

A. APPLICANT INFORMATION

| | |
|--|--|
| AGENCY (Local Agency PROJECT SPONSOR): City of Miami | |
| APPLICATION CONTACT PERSON: Lillian Blondet Administration | TITLE: Director, Office of Grants |
| ADDRESS: 444 S.W. 2nd Avenue 5th Floor 33130 | CITY / STATE / ZIP: 33130 |
| PHONE: 305-903-1315 | EMAIL: lblondet@miamigov.com |
| PROJECT SPONSOR'S LOCAL AGENCY PROGRAM (LAP) CERTIFICATION STATUS ¹ Select one response | |

- Full Certification: *Click here to enter text.* Responsible Charge: *Click here to enter text.*
Phone: *Click here to enter text.*
- Project Specific Certification: Seven (7) LAP Projects: FM 431501-1/ AR558 SRTS (Overtown B-30624); FM 420917-1 / AR559 Overtown Greenway B-30624; FM 431992-1 / ARJ81 Wayfinding and Signage System B-30941; FM 440844-1 GOR73 Biscayne Green B-183613; FM 436609-1 Metromover Station B-183614; FM 420917-2 Overtown Greenway B-173648; and FM 440837-1 Miami River Greenway Curtis Park East B-183603.
Responsible Charge: Hector Badia
Phone: 305-416-1280
- Not Certified, Local Agency has attached a Certification Schedule *
- Not Certified, Local Agency does not have a Certification Schedule*

B. PROJECT INFORMATION

| |
|--|
| PROJECT TITLE: I-395 Underdeck Baywalk Connection NE 13th St from Biscayne Blvd to Biscayne Bay |
| PROJECT LOCATION: NE 13th St from Biscayne Blvd to Biscayne Bay |
| ROADWAY NAME AND/OR NUMBER: NE 13 Street |
| PURPOSE OF PROJECT: Provide baywalk connection and safe crossing at Biscayne Boulevard |
| PROJECT BRIEF DESCRIPTION: The Project seeks to connect the Underdeck & Heritage Trail to the Baywalk. The City of Miami intends to expand the lease agreement with FDOT to provide the connection from the Baywalk to NE 13th Street. The connection will be a wide path with landscape elements to provide a safe and attractive connection to the Baywalk. |

Note: All questions on the application **must** have a response. Failure to respond **to all** questions will result in a **disqualification** of the application. Should you feel that a question is not applicable to your project, please respond "not applicable."

FOR FDOT USE ONLY

¹ All Agencies shall be certified according to the Local Agency Program Manual Chapter 2, for more details contact the Local Programs office at (305) 470-5141 https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/lap/manual/final-ch2-20190319.pdf?sfvrsn=a03958a9_2

| Application Complete | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
|----------------------|------------------------------|-----------------------------|
| Project Eligible | <input type="checkbox"/> YES | <input type="checkbox"/> NO |

C. TA QUALIFYING ACTIVITIES - PROJECT CRITERIA

Select the Transportation Alternative activity that the proposed project will address. Please select one activity that represents most of the work proposed. Eligible activities must be consistent with details described under 23 U.S.C. 101(a) (29) and 213(b). (Note: selecting more than one activity does not ensure or increase eligibility.)

1. Construction of on-road and off-road trail facilities for pedestrians, bicyclists, and other non-motorized forms of transportation, including sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety - related infrastructure, and transportation projects to achieve compliance with the Americans with Disabilities Act of 1990
2. Construction, planning, and design of infrastructure-related projects and systems that will provide safe routes or for non-drivers, including children, older adults, and individuals with disabilities to access daily needs
3. Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other non-motorized Transportation users
4. Construction of turnouts, overlooks, and viewing areas
5. Community improvement activities, which include but are not limited to:
 - a) Inventory, control, or removal of outdoor advertising
 - b) Historic preservation and rehabilitation of historic transportation facilities
 - c) Vegetation management practices in transportation rights-of-way to improve roadway safety, prevent against invasive species, and provide erosion control
 - d) Archaeological activities relating to impacts from implementation of a transportation project eligible under Title 23
6. Any environmental mitigation activity, including pollution prevention and pollution abatement activities and mitigation to:
 - a) Address storm water management, control, and water pollution prevention or abatement related to highway construction or due to highway runoff, including activities described in sections 133(b) (11), 328(a), and 329 of Title 23; or
 - b) Reduce vehicle-caused wildlife mortality or restore and maintain connectivity among terrestrial or aquatic habitats
7. SRTS program-eligible projects and activities listed in section 1404(f) of the SAFETEA-LU:
 - a) Infrastructure-related projects
 - b) Non-infrastructure-related projects
 - c) Safe Routes to School Coordinator
8. Planning, designing, and constructing boulevards² and other roadways largely in the Right-of-Way of former Interstate System routes or other divided highways
9. Recreational trails program³

² A boulevard is defined as a walkable, low speed (35 mph or less) divided arterial thoroughfare in urban environments designed to carry both through and local traffic, pedestrians and bicyclists. Boulevards may be long corridors, typically four lanes but sometimes wider, serve longer trips, provide pedestrian access to land, may be high ridership transit corridors, are primary emergency response routes and use vehicular and pedestrian access management techniques. Curb parking is encouraged.

³ https://www.fhwa.dot.gov/environment/transportation_alternatives/guidance/guidance_2016.cfm#RecreationalTrails

D. PROJECT DETAILS

1. Roadway Classification:

- State Roadway
 Federal Aid Roadway
 Local Roadway
 Other

2. Project Termini:

Begin: N Bayshore Drive **End:** 50 feet from Biscayne Bay **Project Length:** 720 feet

If the project has various locations, include an attachment specifying each termini and project length.

Attachment included? Yes No

3. Location maps and aerials are attached: REQUIRED

Yes No

4. Provide the Scope of Work: The scope will including providing a 12' concrete walkway with landscape and pedestrian lighting. The Project will also provide asphalt pavers to enhance pedestrian street crossing at Biscayne Boulevard.

A detailed scope of work is attached Yes No
 Conceptual plans are attached Yes No
 Typical section drawings are attached Yes No

5. Identify the project stakeholders: Downtown Development Authority, Adrienne Arsht Performing Arts Center, Downtown and Edgewater residents, Downtown Commuters, Museums, and Tourists

Has the Local Agency received input from stakeholders? Yes No
 Briefly explain Please see attached letter of support.

6. Has the Local Agency performed public awareness activities or held community meetings? Yes No

If yes, provide a brief description and attach supporting documentation: The City of Miami has hosted community and commission meetings related to the Underdeck. This project is a part of the overall plan for the Underdeck.

7. Is there public and/or private support for the project? Yes No

If yes, provide a brief description and attach supporting documentation (e.g. petitions, written endorsements, resolutions, letters of support, etc.): Please see attached.

E. PROJECT IMPLEMENTATION PLAN

1. Select the project phase(s) the local agency is applying for in this application:

- Planning Activities Project Development & Environment⁴
 Preliminary Engineering/Final Design Right of Way⁵
 Construction Construction Engineering & Inspection (CEI)

NOTE: Local agencies are not eligible to be certified in PD&E and/or ROW; therefore, funds cannot be requested to self-administer PD&E and/or ROW phase (s).

2. Select who will execute the project phase (s) identified in the question above. Check all applicable boxes:

| PLANNING | PD&E | DESIGN | ROW | CONSTRUCTION | CEI |
|--|--|--|--|--|--|
| <input checked="" type="checkbox"/> Local Agency Staff | <input type="checkbox"/> FDOT | <input type="checkbox"/> Local Agency Staff | <input type="checkbox"/> FDOT | <input checked="" type="checkbox"/> Contractor | <input type="checkbox"/> Local Agency Staff ⁶ |
| <input type="checkbox"/> Consultant | <input checked="" type="checkbox"/> Not Applicable | <input checked="" type="checkbox"/> Consultant | <input checked="" type="checkbox"/> Not Applicable | <input type="checkbox"/> FDOT | <input checked="" type="checkbox"/> Consultant |

⁴ Refer to LAP Manual Chapter 11

⁵ Refer to LAP Manual Chapter 12

⁶ Work done by local agency staff requires prior FDOT approval in any phase identified

| | | | | | |
|---|--|---|--|---|---|
| <input type="checkbox"/> Not Applicable | | <input type="checkbox"/> FDOT | | <input type="checkbox"/> Not Applicable | <input type="checkbox"/> FDOT |
| | | <input type="checkbox"/> Not Applicable | | | <input type="checkbox"/> Not Applicable |

Note: Chapter 337.14 Florida Statutes was amended by HB 905, effective July 1, 2019 prohibiting an entity from performing both design services and construction engineering and inspection services for a project wholly or partially funded by the Department of Transportation and administered by a local governmental entity.

3. Is this project related to other FDOT funded phase(s) that are complete, underway or in FDOT's 5-year Work Program? Yes No

If yes, provide the associated 11-digit Financial Management number(s) : FM 446053-1

4. Are signed and sealed design plans available for the project associated with this application? Yes No

a. If yes, are design plans updated to current standards and existing conditions? Yes No

1. Specify the date of design plans developed? *Click here to enter text.*

2. Enter Engineer of Record contact information: *Click here to enter text.*

b. If no, identify status of design plans

No plans

30%

60%

90%

Other Describe: *Click here to enter text.*

5. Attach a project schedule (dates may be tentative)See attached.

Include (as applicable):

Consultant acquisition & award Yes No

Contractor acquisition & award Yes No

Project schedule and production dates Yes No

Plans preparation & review submittal (FDOT 30 days review) Yes No

Environmental Assessments Yes No

Permit Acquisition Yes No

6. Identify permits required: FDOT approval of lease agreement and Miami Dade County Transportation and Public Works Traffic approval.

Copies of permits are attached to this application Yes No

7. Is a maintenance plan proposed? Yes No

Describe: The City of Miami will maintain the improvements.

8. Attach documents requested as exhibits to this application. List exhibits: Exhibit A- Map/Aerial; Exhibit B - Conceptual Plan; Exhibit C -Support Letters, Exhibit D- Project Schedule, and Exhibit E - Cost Estimate.

F. RIGHT OF WAY

1. Is the project within the Local Agency's right of way? Yes No

If yes, describe the project's existing Right-of-Way ownership as it relates to the project. (i.e. plats, deeds, prescriptions, certified surveys, easements). Project area is owned by FDOT and the City of Miami is seeking a lease agreement.

If no, describe the existing ROW conditions. *Click here to enter text.*

2. Is Right-of-Way acquisition proposed in this application?

Yes No

If yes, describe the proposed acquisition and provide a ROW map [Click here to enter text.](#)

Identify entity acquiring and retaining ownership of proposed Right-of-Way⁷: [Click here to enter text.](#)

Will temporary construction easements be required?

Yes No

If yes, please describe: NE 13 Street is an exit from the MacArthur Causeway during MOT a construction easement may be required.

G. ENVIRONMENTAL EVALUATION

Coordination with the Federal Highway Administration and the State Historic Preservation Officer will be required by Section 106 of the National Historic Preservation Act.

A. Has the Local Agency performed an environmental assessment for the project?

Yes No

List the environmental assessments performed: [Click here to enter text.](#)

B. Does the Local Agency have a historic preservation planner?

Yes No

If yes, provide contact information: Wendy Sczechowicz WSczechowicz@miamigov.com

C. Is the proposed project located adjacent to a locally designated historic property or a National Register of Historic places-listed historic site?

Yes No

If yes, have any historic properties/places received Florida Department of State Historic Preservation Grant funds?

Yes No

If yes, attach preservation agreements, covenants, or easements.

D. Are archeological sites or Native American sensitive sites located within proximity to or adjacent to the project?

Yes No

If yes, provide a brief description: [Click here to enter text.](#)

E. Has the Local Agency coordinated with any Federal or State Agencies for this project?

Yes No

If yes, provide a brief description and submit supporting documentation: The City has reached out to the FDOT real estate office to begin coordination of the lease agreement.

F. Are parks, recreation areas or wildlife or waterfowl refuges in close proximity to the project?

Yes No

If yes, provide a brief description: [Click here to enter text.](#)

G. Are there any navigable waterways adjacent or near the project?

Yes No

If yes, provide a brief description: Biscayne Bay is near the project.

H. Does the project have any wetland impacts?

Yes No

If yes, will wetlands mitigation be needed?

Yes No

If yes, provide a brief description: [Click here to enter text.](#)

I. Has the Local Agency reviewed the project for potential protected species/ critical habitat impacts?

Yes No

If yes, provide a brief description: [Click here to enter text.](#)

J. Has the Local Agency reviewed the project for potential contamination that could affect the area?

Yes No

⁷ All right-of-way acquisitions must comply with State and Federal rules, regulations and procedures.

If yes, provide a brief description: *Click here to enter text.*

K. Are there noise sensitive areas?

Yes No

If yes, provide a brief description: *Click here to enter text.*

H. COST ESTIMATE

1. For projects that have not been designed, an opinion of probable cost **must be** submitted with this application. Utilize the FDOT’s Basis of Estimates Manual⁸ to develop a **detailed** estimate with FDOT pay items for construction phase estimates. **If the project has been designed, then, a detailed engineer cost estimate must be submitted with this application.**

The opinion of probable cost or engineers cost estimate is attached to this application Yes No

2. Provide a summary of the estimated costs for the proposed work in the table below

A project cost estimate **must** be attached to this application

| Activities | Total Cost | Local Funds | TA Funds |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Planning Activities | \$ <i>Click here to enter text.</i> | \$ <i>Click here to enter text.</i> | \$ <i>Click here to enter text.</i> |
| Project Development & Environmental Study | \$ <i>Click here to enter text.</i> | \$ <i>Click here to enter text.</i> | \$ <i>Click here to enter text.</i> |
| Design Costs/ Plans Preparation | \$169,519.57 | 169,519.57 | \$0 |
| Environmental Assessment(s) associated with the design phase | \$ <i>Click here to enter text.</i> | \$ <i>Click here to enter text.</i> | \$ <i>Click here to enter text.</i> |
| Permits associated with the design phase (including application fees, mitigation, and permit acquisition work) | \$ <i>Click here to enter text.</i> | \$ <i>Click here to enter text.</i> | \$ <i>Click here to enter text.</i> |
| Right of Way | \$ <i>Click here to enter text.</i> | \$ <i>Click here to enter text.</i> | \$ <i>Click here to enter text.</i> |
| Construction | \$649,944.36 | \$92,052.20 | \$557,892.16 |
| Construction Engineering and Inspection activities (CEI) | \$50,344.05 | \$0 | \$50,344.05 |
| Other Costs (describe) ⁹ <i>Click here to enter text.</i> | \$44,631.37 | \$44,631.37 | \$0 |
| Total Estimated Project Cost | \$914,439.35 | \$306,203.14 | \$608,236.20 |

I. PROJECT FUNDING

⁸ Use the following links to access the Basis of Estimates Manual as well as historical cost information for your area:

<http://www.fdot.gov/programmanagement/Estimates/BasisofEstimates/BOEManual/BOEOnline.shtm>

<http://www.fdot.gov/programmanagement/Estimates/HistoricalCostInformation/HistoricalCost.shtm>

⁹ FDOT does not allow programming for contingency costs. Any contingency costs should be accounted for using local funds.

| | | | | |
|---------------------------|-------------------------------------|--|----------------------------------|------------------------------------|
| TA FUNDS | \$ 608,236.20 | | PERCENTAGE OF TA FUNDS | <i>Click here to enter text.%</i> |
| LOCAL FUNDS ALLOCATED | \$ <i>Click here to enter text.</i> | | PERCENTAGE OF LOCAL CONTRIBUTION | <i>Click here to enter text. %</i> |
| TOTAL PROJECT COST | \$ 914,439.35 | | | |

Note: The percentage of local contribution indicated above will be greater than or equal to the local contribution to the final contract award.

Example A: A 20% local contribution is indicated for a construction project. The local agency was awarded \$1,000,000. The bid amount is \$1,000,000. The awarded amount would be reduced to \$800,000. The local agency would contribute \$200,000.

Example B: A 20% local contribution is indicated for a construction project. The local agency was awarded \$1,000,000. The bid amount is \$1,400,000. The awarded amount would remain \$1,000,000. The local agency would contribute \$400,000.

1. Describe in detail how the project will be funded (include funding types and commitment of funds):

City of Miami local funds will be used to fund this project.

2. Provide the funding year for each phase(s) of the project:

Design phase - October 1, 2023 (City funded); Construction phase - October 1, 2025 (City and FDOT funded if approved).

3. Provide a letter from the Local Agency's Budget Office committing Local Funds to the project.

A copy of the letter is included with this application.

Yes No

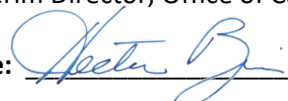
J. Project Sponsorship Certification

I hereby certify that the proposed project herein described is supported by City of Miami (Local Agency, county, state or federal agency, or tribal council) and that said entity will: (1) provide any required funding match; (2) enter into a maintenance agreement with the Florida Department of Transportation (FDOT); (3) comply with the Federal Uniform Relocation Assistance and Acquisition Policies Act for any Right of Way actions required for the project, (4) Comply with Local Agency Program Manual during all phases of the project, (5) comply with the NEPA process prior to construction, which may involve coordination with the State Historic and Preservation Office (SHPO) prior to construction, and (6) support other actions necessary to fully implement the proposed project.

I further certify that the estimated costs are reasonable and understand that City of Miami (Local Agency, county, state or federal agency, or tribal council) will bear all expenses in excess of the total cost of the project. Upon notification of project award, I further certify that the aforementioned entity will work with the FDOT to ensure the associated contracts are executed in the fiscal year programmed. Project deferrals are highly discouraged and are subject to fund availability.

Name (please type or print): Hector Badia

Title: Interim Director, Office of Capital Improvements

Signature: 

Date: February 18, 2021

If you have any questions about this application or need assistance, please contact:

Oscar Camejo

Miami-Dade Transportation Planning Organization

Phone: (305) 375-1837

Email: Oscar.Camejo@miamidade.gov

Janene Sclafani

Monroe County

Phone: (305) 289-2545

Email: Sclafani-Janene@MonroeCounty-FL.Gov

Xiomara Nunez

Florida Department of Transportation District Six

Phone: (305) 470-5404

xiomara.nunez@dot.state.fl.us

RESOURCES

FDOT Local Agency Program Manual

FDOT PD&E Manual

<https://www.fdot.gov/programmanagement/LAP/LAP-TOC.shtm>

<https://www.fdot.gov/environment/pubs/pdeman/pdeman1.shtm>

Basis of Estimates Manual

<http://www.fdot.gov/programmanagement/Estimates/BasisofEstimates/BOEManual/BOEOnline.shtm>

PRIORITIZATION OF PROJECTS

The City of Miami is submitting two applications for funding in the 2021 Transportation Alternative Program Cycle. The prioritization of these applications is as follows:

1. Underdeck Baywalk Connection NE 13th St from Biscayne Blvd to Biscayne Bay
2. Miami River Greenway - NW 19 Avenue to NW 17 Avenue



Exhibit B Conceptual Plan

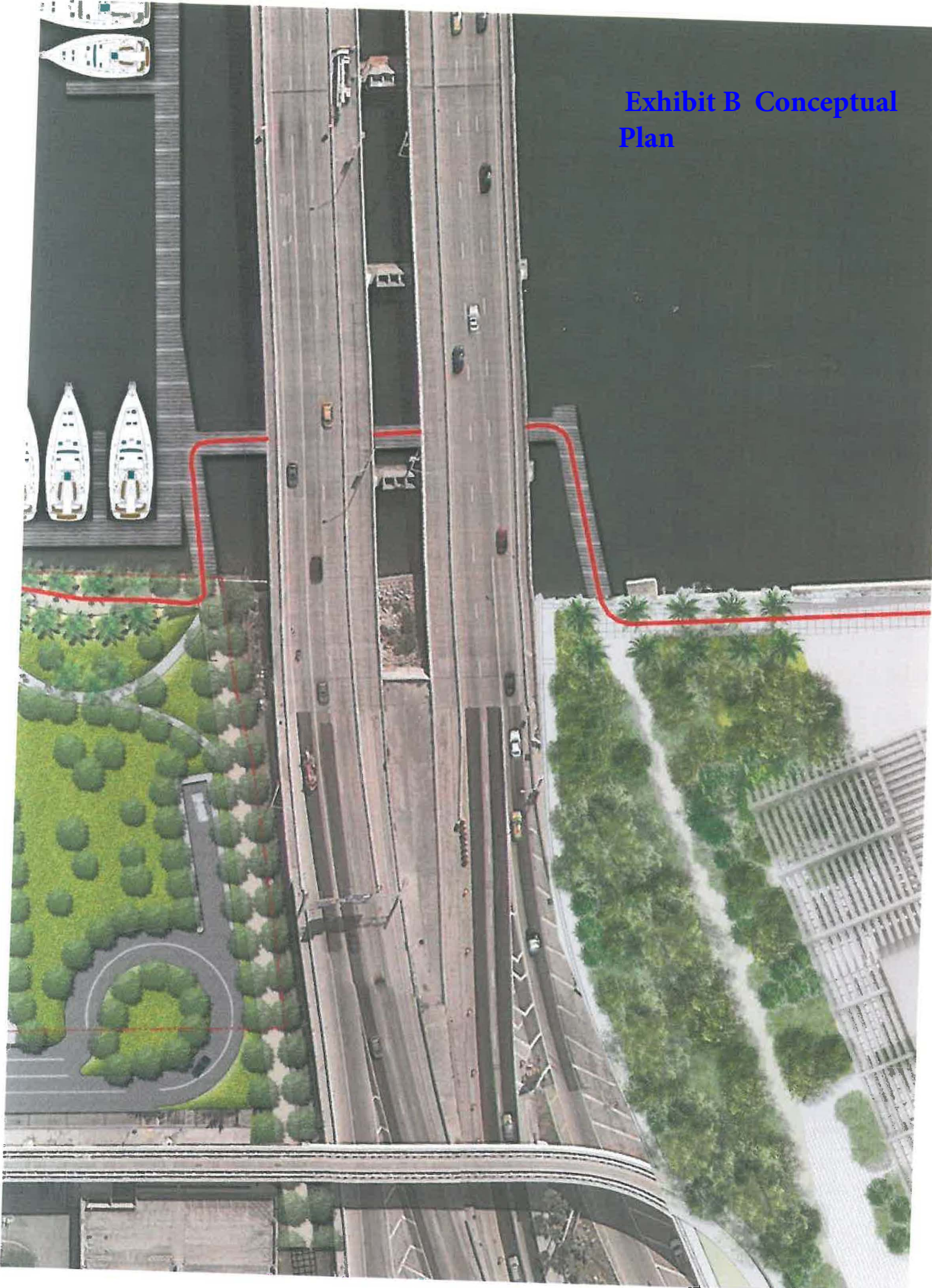


EXHIBIT C

2/18/2021

RE: Support for the City of Miami's FDOT Transportation Alternative Program Funding Request for the Underdeck Connection to the Baywalk

To Whom It May Concern:

Please accept this letter of support for the Transportation Alternatives Program Grant Application for construction of the Underdeck Connection to the Baywalk. The Adrienne Arsht Center is the premiere cultural institution north of I-395, we are excited by the prospect of connecting the I-395 Heritage Trail to the recently funded Baywalk underneath the MacArthur. This project will also improve the pedestrian crossing at Biscayne Boulevard, and better connect the Ziff Ballet Opera House with the Knight Concert Hall.

With the Florida Department of Transportation investing more than \$800 million in highway upgrades and a new I-395 Signature Bridge designed specifically to eliminate the blighted areas underneath the existing bridge, I believe the timing is right to create a safe connection for pedestrians and cyclists to safely cross Biscayne Boulevard and travel along NE 13th Street to connect the 33-acre Underdeck with the cultural institutions and the Bay.

There is currently a gap in the I-395 Signature Bridge project and this section will not be improved by the FDOT project. This TAP application provides funding to improve the missing connections. Connect residents and visitors with a world-class venue that will be the Underdeck and connecting pedestrians, cyclists, and baby-carriage pushing parents to our stellar cultural institutions and museums, including the Arsht Center, Perez Art Museum Miami (PAMM) and the Frost Science Center.

I encourage you to support the City of Miami's grant request for the Baywalk connection under I-395.

Please feel free to contact me if you have any questions.

Sincerely,



Ken Harris
Vice President of Operations
Adrienne Arsht Center

City of Miami, Florida

KEN RUSSELL
COMMISSIONER - DISTRICT 2



CITY HALL
3500 PAN AMERICAN DRIVE
MIAMI, FLORIDA 33133
(305) 250-5333

February 12, 2021

Ms. Aileen Bouclé
Executive Director Miami-Dade Transportation Planning Organization
111 NW 1 Street, Suite 920
Miami, FL 33128

RE: Support for the City of Miami's FDOT Transportation Alternative Program Funding Request for the I-395 Underdeck Connection to the Miami Baywalk

Dear Ms. Bouclé :

Please accept this letter of support for the Transportation Alternatives Program Grant Application for construction of the I-395 Underdeck Connection to the Miami Baywalk. As the City Commissioner Downtown Miami, I am excited by the prospect of connecting the I-395 Heritage Trail to the recently funded Baywalk underneath the MacArthur Causaway.

With the Florida Department of Transportation investing more than \$800 million in highway upgrades and a new I-395 Signature Bridge designed specifically to eliminate the blighted areas underneath the existing bridge, I believe the timing is right to create a safe connection for pedestrians and cyclists to safely cross Biscayne Boulevard and travel along NE 13th Street. This project will connect the 33-acre Underdeck with the cultural institutions in the area and Biscayne Bay.

There is currently a gap in the I-395 Signature Bridge project and this section will not be improved as a result of the FDOT project. This TAP application provides funding to improve the missing connections. This project will link residents and visitors to the Underdeck and our stellar cultural institutions and museums, including the Arsht Center, Perez Art Museum Miami (PAMM) and the Frost Science Center. This pathway will promote a safe alternative transportation to downtown pedestrians, cyclists, and baby-carriage pushing parents to enjoy the bay, area parks, art venues, commercial establishments and restaurants.

I encourage you to support the City of Miami's grant request for the construction of the I-395 Underdeck Connection to the Miami Baywalk.

Sincerely,

A handwritten signature in black ink, appearing to read "Ken Russell", is written over a light blue horizontal line.

Honorable District 2 Commissioner Ken Russell
Chairman, Miami City Commission

Exhibit D

Project Schedule

| Deliverable | FDOT Review of Project's Documents (Anticipated Submittal Dates) |
|--|--|
| 1. Plan Preparation (City Start Date: May 2022) | |
| 2. 60% Design | June, 2024 |
| 3. 90% Design | November, 2024 |
| 4. 100% Plan Submittal | June, 2025 |
| 5. ITB and Construction Checklist – 1 st Revision | July, 2025 |
| a. Sign and Sealed Plan Set | TBD, Depending on FDOT Fund Award |
| b. Certification requested | TBD, Depending on FDOT Fund Award |
| c. Right of Way | TBD, Depending on FDOT Fund Award |
| d. Environmental Analysis | TBD, Depending on FDOT Fund Award |
| e. Utility Clearance | TBD, Depending on FDOT Fund Award |
| f. Railroad Certification | TBD, Depending on FDOT Fund Award |
| g. Permit "Acquisition" Certification | TBD, Depending on FDOT Fund Award |
| 6. Executed Construction Checklist | TBD, Depending on FDOT Fund Award |
| 7. Executed LAP Agreement | TBD, Depending on FDOT Fund Award |
| 8. Consultant Acquisition | December 2025 (Anticipate Ready to Proceed Date) |

D. Project Details

Project Termini:

Beginning: N Bayshore Drive

End: 50 feet from Biscayne Bay

Length: 720 feet

Project Termini:

Beginning: Biscayne Boulevard

End: NE 13 Street

Length: 525 feet

Exhibit E

PRELIMINARY PROJECT COST ESTIMATE

Pedestrian Walway Improvements - I-395 Baywalk to N. Bayshore and Pavers at Biscayne Blvd and NE 13th Street

V1.0 : 01012021

TOTAL COST ESTIMATE SUMMARY

| Phase: | Description | % of Const. | Cost | Cost /Per Phase |
|---------------------------|--|-------------|----------------------|-----------------|
| Design Phase | External Consultant: Prime (Dsgn+Srvy+Lndsp+Geo) | 24% | \$ 133,256.58 | \$ 169,519.57 |
| | OCI Design Management (PM) | 5.0% | \$ 27,894.61 | |
| | Dry-run Permitting Fees | 1.5% | \$ 8,368.38 | |
| Construction Phase | Construction Cost - Prime Contractor | | \$557,892.16 | \$ 700,288.41 |
| | Construction Contingency Allowance | 10.0% | \$ 55,789.22 | |
| | Construction Permits | 1.5% | \$ 8,368.38 | |
| | CEO / CEI Services | 9% | \$ 50,344.05 | |
| | Construction Management OCI (CM) | 5.0% | \$ 27,894.61 | |
| | JOC | 0.00% | \$ - | |
| Administrative | OCI Administrative Services | 5.0% | \$ 27,894.61 | \$ 44,631.37 |
| | Program Management | 3.0% | \$ 16,736.76 | |
| TOTAL | | | \$ 914,439.35 | |

| | | |
|-----------------------------|-----------|-------|
| Project Length: | 820 LF | |
| R/W Width: | 36 LF | |
| | LEFT | RIGHT |
| Existing Sidewalk: | 0 LF | 0 LF |
| Prop. Sidewalk: | 0 LF | 12 LF |
| Existing Pvmnt. Width: | 0 LF | 0 LF |
| Prop. Pavmt: | 6 LF | 6 LF |
| Existing Swale: | 0 LF | 0 LF |
| Prop. Swale: | 0 LF | 0 LF |
| Existing Parallel Park | 0 LF | 0 LF |
| Prop. Parallel Park | 0 LF | 0 LF |
| Existing Bike Lane | 0 LF | 0 LF |
| Prop. Bike Lane | 0 LF | 0 LF |
| Existing Curb & Gutter | 0 LF | 0 LF |
| Prop Curb & Gutter | 0 LF | 0 LF |
| Existing Valley Gutter | 0 LF | 0 LF |
| Prop. Valley Gutter | 0 LF | 0 LF |
| Existing Pipe Length | 200 LF | |
| Total Section Width: | 6 LF | 18 LF |
| Spread Rate: | 220 LB/SY | 2" |
| | 165 LB/SY | 1.5" |
| | 110 LB/SY | 1" |

General Scope:

Proposed scope of work intention is to address the following tasks:

- 12ft wide Concrete walkway
- Landscape (trees)
- Low light lighting (assumed 50ft spacing)
- Asphalt pavers at the crossing of Biscayne Blvd and NE 13th Street

Unit Prices Source: October 2019 - March 2020 Annual Statewide Averages

PRELIMINARY PROJECT COST ESTIMATE

Pedestrian Walway Improvements - I-395 Baywalk to N. Bayshore and Pavers at Biscayne Blvd and NE 13th Street

| Pay Item Number | Description | Units | Quantity | Usage Factor | Unit Price | Cost |
|----------------------|--|-------|----------|--------------|--------------|---------------------|
| 110-1 | Clearing and Grubbing | AC | 0.14 | 20% | \$ 27,042.00 | \$3,665.20 |
| 110-4 | Removal of Exist. Conc. Pavmt. | SY | 0 | 0% | \$ 34.04 | \$0.00 |
| General Items | | | | | | \$3,665.20 |
| 120-1 | Regular Excavation | CY | 802 | 110% | \$ 7.29 | \$5,844.96 |
| 160-4 | Stabilization Type B | SY | 1203 | 110% | \$ 4.25 | \$5,111.33 |
| 162-1-11 | Prepared Soil Layer (6") | SY | 0 | 0% | \$ 3.50 | \$0.00 |
| 210-1-1 | Reworking Lime Rock Base (6") | SY | 1203 | 110% | \$ 5.00 | \$6,017.00 |
| 285-709 | Optional Base Group 08 | SY | 0 | 0% | \$ 16.00 | \$0.00 |
| 327-70- | Milling Exist Asph Pvmt, 1.0" Avg Dpth | SY | 0 | 0% | \$ 3.25 | \$0.00 |
| 327-70- | Milling Exist Asph Pvmt, 1.5" Avg Dpth | SY | 0 | 0% | \$ 3.00 | \$0.00 |
| 327-70- | Milling Exist Asph Pvmt, 2.0" Avg Dpth | SY | 0 | 0% | \$ 4.00 | \$0.00 |
| 334-1-13 | Asphaltic Concrete (Traffic C) (1") | TN | 0 | 0% | \$ 150.00 | \$0.00 |
| 334-1-14 | Asphaltic Concrete (Traffic C) (1.5") | TN | 0 | 0% | \$ 150.00 | \$0.00 |
| 337-7-82 | Asphaltic Concrete (Traffic C) (2") | TN | 0 | 0% | \$ 150.00 | \$0.00 |
| 520-2-4 | Concrete Curb Type D | LF | 0 | 0% | \$ 25.47 | \$0.00 |
| 520-1-10 | Concrete Curb & Gutter, Type F | LF | 0 | 0% | \$ 22.00 | \$0.00 |
| 520-3 | Concrete Valley Gutter | LF | 0 | 0% | \$ 31.00 | \$0.00 |
| 522-1 | Concrete Sidewalk (4" Thick) | SY | 0 | 0% | \$ 37.70 | \$0.00 |
| 522-2 | Concrete Sidewalk (6" Thick) | SY | 1093 | 100% | \$ 53.00 | \$57,946.67 |
| 527-2 | Architectural Pavers | SY | 1093 | 20% | \$ 75.00 | \$16,400.00 |
| Roadway | | | | | | \$91,319.96 |
| 425-1-351 | Inlet Curb Type P-5 (<10') | EA | 0 | 0% | \$ 4,800.00 | \$0.00 |
| 425-11 | Modify Existing drainage structures | EA | 1 | 0% | \$ 4,300.00 | \$0.00 |
| 104-18 | Inlet Protection System | EA | 6 | 0% | \$ 86.00 | \$0.00 |
| 425-2-41 | Manhole P-7 (<10') | EA | 6 | 0% | \$ 4,200.00 | \$0.00 |
| 443-70-4 | French Drain (24") | LF | 0 | 0% | \$ 125.90 | \$0.00 |
| O 110-6 | Abandon Auger Hole | EA | 0 | 0% | \$ 2,700.00 | \$0.00 |
| 430-174-118 | Pipe Culv, Opt Matl, Round,18"SD | LF | 0 | 0% | \$ 65.00 | \$0.00 |
| 430-94-1 | Desilting Pipe, 0 - 24" | LF | 0 | 0% | \$ 8.00 | \$0.00 |
| PW 35-86-45 | Swale Blocks | SY | 0 | 0% | \$ 98.00 | \$0.00 |
| Drainage | | | | | | \$0.00 |
| 635-2-11 | Pull & Splice Box, F&I | EA | 16 | 100% | \$ 715.39 | \$11,446.24 |
| 715-4-12 | Light Pole Comp, F&I, Std, 35ft | EA | 0 | 100% | \$ 5,459.25 | \$0.00 |
| 715-518-115 | Light Pole Comp Install, Ornament, | EA | 16 | 100% | \$ 9,525.00 | \$152,400.00 |
| 630-2-11 | Conduit, Open Trench | LF | 1804 | 100% | \$ 4.69 | \$8,460.76 |
| 1000-5 | Utility Work - JPA Agreement - Wat/Sewer | LS | 1 | 0% | \$ - | \$0.00 |
| 1000-7 | Utility Work - JPA Agreement - Power | LS | 1 | 0% | \$ - | \$0.00 |
| 1050-15-001 | Utility Adj/Reloc (Water & Sewer) | LS | 1 | 0% | \$ 7,000.00 | \$7,000.00 |
| 1050-15-002 | Utility Adj/Reloc (Light, Comm.) | LS | 1 | 0% | \$ 5,000.00 | \$5,000.00 |
| Utilities | | | | | | \$184,307.00 |
| 570-1-2 | Landscape-Performance Sod | SY | 1000 | 100% | \$ 2.92 | \$2,920.00 |
| 721-75-1 | Hardscape (Benches) | EA | 0 | 0% | \$ 1,000.00 | \$0.00 |
| 550-101-28 | Fencing, Type A, 1.0-6.0, Reset Existing | LF | 0 | 0% | \$ 30.00 | \$0.00 |

PRELIMINARY PROJECT COST ESTIMATE

Pedestrian Walway Improvements - I-395 Baywalk to N. Bayshore and Pavers at Biscayne Blvd and NE 13th Street

| | | | | | | |
|------------|---|----|---|------|--------------|-------------|
| 580-1-2 | Landscape-Complete - Large Plants /Trees | LS | 1 | 100% | \$ 50,000.00 | \$50,000.00 |
| 700-1-11 | Single Post Sign,F&I,Grnd Mnt, Up -12 SF | AS | 0 | 0% | \$ 550.00 | \$0.00 |
| 700-1-12 | Single Post Sign,F&I,Grnd Mnt,12 to 20 SF | AS | 0 | 0% | \$ 1,150.00 | \$0.00 |
| 700-1-13 | Single Post Sign,F&I,Grnd Mnt,12 to 20 SF | AS | 0 | 0% | \$ 278.00 | \$0.00 |
| 700-1-14 | Single Post Sign,F&I,Grnd Mnt,12 to 20 SF | AS | 0 | 0% | \$ 26.00 | \$0.00 |
| 700-1-15 | Single Post Sign,F&I,Grnd Mnt,12 to 20 SF | AS | 0 | 0% | \$ 640.00 | \$0.00 |
| 700-1-13 | Single Post Sign,F&I,Grnd Mnt,21 to 30 SF | AS | 0 | 0% | \$ 1,450.00 | \$0.00 |
| 700-1-60 | Sign, Single Post, (Way find) | EA | 8 | 100% | \$ 1,450.00 | \$11,600.00 |
| 700-3-501 | Sign Panel, Relocate, Up to 12 SF | EA | 0 | 0% | \$ 375.00 | \$0.00 |
| 706-1-1 | Retro Reflec. Pvmnt Markers (RPM's) | EA | 0 | 0% | \$ 10.00 | \$0.00 |
| 706-1-2 | Retro Reflec. Pvmnt Markers (RPM's) Blue | EA | 0 | 0% | \$ 8.40 | \$0.00 |
| 710-11-101 | Painted Pvmnt Mrkng, Strd, White Solid 6" | GM | 0 | 0% | \$ 513.29 | \$0.00 |
| 710-11-131 | Painted Pvmnt Mrkng, Strd, Skip White 6" | GM | 0 | 0% | \$ 253.21 | \$0.00 |
| 710-11-201 | Painted Pvmnt Mrkng, Strd, Solid Yllw, 6" | GM | 0 | 0% | \$ 525.35 | \$0.00 |
| 710-11-103 | Painted Pvmnt Mrkng, Strd, Solid White12" | LF | 0 | 0% | \$ 1.02 | \$0.00 |
| 710-11-125 | Painted Pvmnt Mrkng, Strd, Solid White24" | LF | 0 | 0% | \$ 1.46 | \$0.00 |
| 711-15-101 | Thermoplastic, STD, White, Solid 6" | GM | 0 | 0% | \$ 3,961.07 | \$0.00 |
| 711-15-131 | Thermoplastic, STD, White, Skip 6" | GM | 0 | 0% | \$ 1,505.90 | \$0.00 |
| 711-15-200 | Thermoplastic, STD, Yellow, Solid 6" | GM | 0 | 0% | \$ 1,506.90 | \$0.00 |
| 711-11-123 | Thermoplastic, STD, White, Solid 12" | LF | 0 | 0% | \$ 2.48 | \$0.00 |
| 711-11-125 | Thermoplastic, STD, White, Solid 24" | LF | 0 | 0% | \$ 4.68 | \$0.00 |

Landscape/Signing and Marking \$64,520.00

Subtotal \$343,812.16

| | | | | | | |
|-------|----------------------------------|----|------|-----|--|-------------|
| 999-1 | Police | LS | 1.00 | 9% | | \$31,680.00 |
| 999-2 | Maintenance of Traffic (8%) | LS | 1.00 | 8% | | \$27,600.00 |
| 999-3 | Mobilization (10%) | LS | 1.00 | 10% | | \$34,400.00 |
| 999-4 | Allowance for unidentified scope | LS | 1.00 | 25% | | \$86,000.00 |
| 999-5 | Contingency (10%) | LS | 1.00 | 10% | | \$34,400.00 |

Other Construction Components \$214,080.00

| | |
|--------------------------------|---------------------|
| Total Construction Cost | \$557,892.16 |
|--------------------------------|---------------------|

Continue on next page

Project Description:

Project qualifications / Assumptions

- 1- Cost estimate does not consider any cost escalation factors.
- 2- All the work will be performed above ground.
- 3- Estimate assumes that electrical box for connection of the pedestrian lighting system will be provided in near proximity (within 50') of the project.
- 4- Estimate assumes that base for sidewalk will be suitable and ready to place concrete sidewalk. Only minor grading required.
- 5- Irrigation system for trees is excluded.

PRELIMINARY PROJECT COST ESTIMATE

Pedestrian Walway Improvements - I-395 Baywalk to N. Bayshore and Pavers at Biscayne Blvd and NE 13th Street

City of Miami



ARTHUR NORIEGA, V
City Manager

February 17, 2021

Ms. Aileen Bouclé
Executive Director
Miami-Dade Transportation Planning Organization
111 NW 1 Street, Suite 920
Miami, FL 33128

Re: Transportation Alternatives Program Grant Application for the I-395 Underdeck
Connection to the Biscayne Bay Baywalk
Dear Ms. Bouclé:

The City of Miami fully supports the ongoing efforts to connect the I-395 Underdeck/Heritage Trail to the Biscayne Bay Baywalk. For more than 40 years, the City has been promoting the construction of the Baywalk, a 5-mile waterfront promenade. Connecting the anticipated 33 acre of open space that is the Underdeck and Heritage Trail will provide access to the bay for residents and visitors alike.

I am submitting this letter indicating the City of Miami will commit funds to the I-395 Underdeck Connection to the Baywalk project which will commence construction in FY 2026

Should TAP funds be awarded to this project, we anticipate expediting this high priority project. We ask that you fund this worthwhile request to enhance Miami's shoreline connectivity. If you have any questions, please do not hesitate to contact me at (305) 416-1009.

Sincerely,

Fernando Casamayor
Assistant City Manager and Chief Financial Officer
City of Miami