



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 Beach

APPLICATION CONTACT PERSON: Judy Hoanshelt

TITLE: Grants and Intergovernmental Affairs Director

ADDRESS: 1700 Convention Center Dr.

CITY / STATE / ZIP: Miami Beach, FL 33139

PHONE: 305-673-7000 Ext. 26183

EMAIL: judyhoanshelt@miamibeachfl.gov

PROJECT SPONSOR'S LOCAL AGENCY PROGRAM (LAP) CERTIFICATION STATUS ¹ *Select one response*

- Full Certification: **10/23/2020** Responsible Charge: Judy Hoanshelt
 Phone: 305-673-7010
- Project Specific Certification: *Click here to enter text.* Responsible Charge: *Click here to enter text.*
 Phone: *Click here to enter text.*
- Not Certified, Local Agency has attached a Certification Schedule *
- Not Certified, Local Agency does not have a Certification Schedule*

B. PROJECT INFORMATION

PROJECT TITLE: Meridian Avenue Shared-Use Path

PROJECT LOCATION: Meridian Avenue between Dade Blvd and 28th Street; and along 28th Street between Meridian Avenue and Prairie Avenue

ROADWAY NAME AND/OR NUMBER: Meridian Avenue

PURPOSE OF PROJECT: Enhancing the bicycle and pedestrian network in Miami Beach in compliance with the adopted Bicycle-Pedestrian Master Plan

PROJECT BRIEF DESCRIPTION: The Meridian Avenue Shared-Use Path was adopted by the City Commission as part of the Bicycle-Pedestrian Master Plan. The project consists of final design and construction of a ten foot shared-use path on the west side of Meridian Avenue from Dade Boulevard to 28th Street adjacent to the Miami Beach Golf Course. Once the path reaches 28th Street, it will continue east on the north side of 28th Street to Prairie Avenue. The path will connect a new bicycle boulevard and protected bike lanes on Meridian Avenue from 5th Street to Dade Boulevard to existing green bicycle lanes on Prairie Avenue and a future shared-use path along 28th Street, thus completing an important link in the north-south bicycle/pedestrian network. The construction of the path will include lighting and landscaping to enhance the safety and experience of users and to protect users from any errant balls from the golf course.

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."

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



FOR FDOT USE ONLY		
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: Dade Boulevard **End:** Prairie Avenue **Project Length:** 3,600 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 project consists of the construction of a shared-use path on Meridian Ave. between Dade Boulevard and 28th Street adjacent to the Miami Beach Golf Course. To construct the shared-use path, the designer will need to determine if the construction of curb and gutter and additional drainage is warranted. The shared-use path will also include signage, pavement markings, lighting, and landscaping to protect bicyclists and pedestrians from the sun and potential errant balls from the golf course. In addition, the City will consider use of resilient materials for the path surface to enhance the project's resilience.

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: Miami Beach Golf Course and Central Bayshore Neighborhood Residents

Has the Local Agency received input from stakeholders? Yes No

Briefly explain : The Meridian Avenue Shared-Use Path project was presented to the community five (5) times during various workshops throughout the Bicycle-Pedestrian Master Plan process. Further, the project was presented to the neighborhood as part of the Central Bayshore Neighborhood Improvements Project. The proposed path was adopted by the City Commission as part of the 2016 Bicycle-Pedestrian Master Plan. Three (3) meetings were also held with the Miami Beach Golf Course management company to obtain their consent. The project design accommodates their comments and their needs.

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 Meridian Avenue Shared-Use Path project was presented to the community five (5) times at transportation workshops during Bicycle-Pedestrian Master Plan process. Further, the project was presented to the neighborhood as part of the Central Bayshore Neighborhood Improvements Project. The proposed path was adopted by the City Commission as part of the 2016 Bicycle-Pedestrian Master Plan.

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.): The project was adopted by the City Commission via Resolution # 2016-29371 (attached).

E. PROJECT IMPLEMENTATION PLAN

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



- Planning Activities
- Preliminary Engineering/Final Design
- Construction
- Project Development & Environment⁴
- Right of Way⁵
- 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 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 type="checkbox"/> Consultant	<input checked="" type="checkbox"/> Not Applicable	<input type="checkbox"/> FDOT	<input checked="" type="checkbox"/> Consultant
<input checked="" type="checkbox"/> Not Applicable		<input type="checkbox"/> FDOT		<input type="checkbox"/> Not Applicable	<input type="checkbox"/> FDOT
		<input checked="" 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): *Click here to enter text.*

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) Preliminary schedule has been 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: The following permits are required for this project: Miami-Dade County Department of Transportation and Public Works, Miami Beach Public Works Department Right-of-Way Permit; Miami Beach Environmental Department Tree Relocation Permit

Copies of permits are attached to this application Yes No

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



7. Is a maintenance plan proposed?

Yes No

Describe: The project will be maintained as part of the City's routine maintenance program.

- 8. Attach documents requested as exhibits to this application. List exhibits:** The application includes the resolution adopting the Transportation Master Plan including the project, the project aerial map, the preliminary schedule, and opinion of probable cost based on similar applicable projects recently procured, local funding commitment, copy of City plats, and a copy of the 60% design plans.

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). As confirmed in the design plans, the proposed path falls within the City's Right-of-Way. In addition, copies of the City's plats are being attached to this application to verify City ownership of the right-of-way.

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: *Click here to enter text.*

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: An environmental assessment will be performed as part of the design of the project.

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

Yes No

If yes, provide contact information: Deborah Tackett, deborah_tackett@miamibeachfl.gov or 305-673-7000 x 26467

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.*

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



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: [Click here to enter text.](#)

F. Are parks, recreation areas or wildlife or waterfowl refuges in close proximity to the project? Yes No

If yes, provide a brief description: The project is adjacent to the Miami Beach Golf Course; however, the path will not affect the operations or conflict with the golf course right-of-way.

G. Are there any navigable waterways adjacent or near the project? Yes No

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

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: This assessment could be conducted during design upon further coordination with FDOT LAP office.

J. Has the Local Agency reviewed the project for potential contamination that could affect the area? Yes No

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	\$0	\$0	\$0
Project Development & Environmental Study	\$0	\$0	\$0

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>



Design Costs/ Plans Preparation	\$70,260.96	\$70,260.96	\$0
Environmental Assessment(s) associated with the design phase	\$ 0	\$ 0	\$0
Permits associated with the design phase (including application fees, mitigation, and permit acquisition work)	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0
Construction	\$702,609.60	\$71,766.04	\$630,843.56
Construction Engineering and Inspection activities (CEI)	\$70,260.96	\$0	\$70,260.96
Other Costs (describe) ⁹ <i>Click here to enter text.</i>	<i>\$Click here to enter text.</i>	<i>\$Click here to enter text.</i>	<i>\$Click here to enter text.</i>
Total Estimated Project Cost	\$843,131.52	\$142,027	\$701,104.52

I. PROJECT FUNDING

TA FUNDS	\$ 701,104.52		PERCENTAGE OF TA FUNDS	83%
LOCAL FUNDS ALLOCATED	\$ 142,027		PERCENTAGE OF LOCAL CONTRIBUTION	17 %
TOTAL PROJECT COST	\$ 843,131.52			

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):

The City initially allocated \$278,000. Of that amount, \$135,000 have been spent in 60% design plans. The City currently has \$142,027 allocated as a match for this grant.

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

Design Funds (Local only) would be used in FY2021/2022; Construction and CEI Funds (TA) would be used in FY2022/2023

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

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




J. Project Sponsorship Certification

I hereby certify that the proposed project herein described is supported by the City of Miami Beach (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 the City of Miami Beach_(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): Raul J. Aguila

Title: Interim City Manager

Signature: 

Date: 2/18/2021 6:11 PM EST



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>

RESOLUTION NO. 2016-29371

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, ADOPTING THE CITY OF MIAMI BEACH TRANSPORTATION MASTER PLAN FINAL REPORT ATTACHED HERETO AS EXHIBIT A.

WHEREAS, given the existing traffic congestion, the high number of special events, and the limited capacity in the City of Miami Beach's ("City") transportation network, residents and visitors have experienced an increased level of difficulty moving through the City; and

WHEREAS, the City has not adopted a Transportation Master Plan since 1999; and

WHEREAS, in 2014, the City engaged Gannett Fleming to develop a new City of Miami Beach Transportation Master Plan; and

WHEREAS, Gannett Fleming evaluated existing conditions and collected data for transit, traffic, and pedestrians throughout the City and developed a Transportation Master Plan Final Report ("Transportation Master Plan") for the City which is attached hereto and incorporated herein as Exhibit A; and

WHEREAS, based on analytical contrasts of vehicular throughput and people throughput, the Administration recommended, at the March 28, 2015 Commission Transportation Workshop, a transportation mode hierarchy consisting of: (1) Pedestrians, (2) Transit, Bicycles, Freight (depending on the corridor), and (3) Private Vehicles; and

WHEREAS, on July 8, 2015, the City Commission adopted the proposed modal hierarchy as presented at the March 28, 2015 Commission Transportation Workshop; and

WHEREAS, the Transportation Master Plan developed by Gannett Fleming includes a robust multi-modal Project Bank; and

WHEREAS, in December 2015, a second Commission Transportation Workshop was held at which Gannett Fleming presented the proposed Transportation Master Plan which includes a Project Bank and Policies; and

WHEREAS, the Project Bank is divided into three sections, denominated as Priorities in the Transportation Master Plan, based on need, capacity benefits, connectivity benefits, safety benefits, ease of implementation, modal split impact; and

WHEREAS, given the impact of future modal usage splits in the City, staff further analyzed and prioritized the projects in Priority 1 on a year-by-year basis in a chart which is attached hereto and incorporated herein as Exhibit B; and

WHEREAS, the projects identified in Priority 1, Priority 2, and Priority 3 are described in pages 189 through 226 of the Transportation Master Plan; and

WHEREAS, the timeline of each project will be dependent on available funding identified through the capital budget process each year, as well as staffing resources; and

WHEREAS, funding requirements for the Project Bank are estimated as follows:

- Priority 1: \$483 million (including \$360 million for a Miami Beach Light Rail/Modern Streetcar project in South Beach)
- Priority 2: \$86.5 million
- Priority 3: \$450.5 million (including expansion of Street Car/Light Rail transportation to other areas of the City); and

WHEREAS, as part of establishing the target modal splits for the City, various analyses were conducted by prioritizing different modes of transportation through various corridors which revealed that many of the projects are projected to increase person-trip corridor capacity by as much as 50% in some corridors; and

WHEREAS, the Transportation Master Plan identifies modifications to existing policies and sets forth new policies to assist the implementation of the projects identified in the Project Bank; and

WHEREAS, proposed new policies are identified in pages 141 through 149 of the Transportation Master Plan; and

WHEREAS, the Administration recommends the adoption of the Transportation Master Plan.

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 adopt the City of Miami Beach Transportation Master Plan Final Report attached hereto and incorporated herein as Exhibit A.

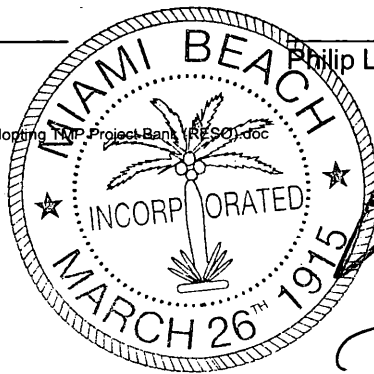
PASSED and ADOPTED this 13 day of April, 2016.

ATTEST:

[Signature] 4/25/16
Rafael E. Granada, City Clerk

[Signature]
Philip Levine, Mayor

T:\AGENDA\2016\March\Transportation\Resolution Adopting TMP Project Bank (RESO).doc



**APPROVED AS TO
FORM & LANGUAGE
& FOR EXECUTION**

[Signature]
City Attorney

4-12-16
Date

Exhibit A is 253 pages and is entitled "Transportation Master Plan Final Report." This document is located on the City Clerk's website under "Agenda Archives" for the April 13, 2016 City Commission Agenda. Exhibit A was hand-delivered to the Mayor and the City Commissioners as an attachment to LTC No. 146-2016.

The Exhibit A document will be attached to the final executed Resolution and will be made part of the City Clerk's records for this agenda item.

14	Meridian Avenue from 16th Street to Dade Boulevard	Capital	Bicycle/Pedestrian	Construction of a Protected Bicycle Lanes along Meridian Avenue between 16th Street and Dade Boulevard to connect to the shared use path along Meridian Avenue adjacent to the Miami Beach Golf course and connecting to a future path adjacent to the future Banyan Park.						\$75,000.00	\$3,320,000.00
15	Central Bayshore Neighborhood Right-of-Way Improvement Project Shared Use Path along Meridian Avenue between Dade Boulevard and 28th Street	Capital	Bicycle/Pedestrian	Construction of a Shared-Use Path along Meridian Avenue, 28th Street, and connecting to a future path adjacent to the future Banyan Park. The Project is currently part of the design criteria package for the Central Bayshore Neighborhood Improvement Project.	\$276,000.00						
16	LaGorce Drive/Pine Tree Drive Protected/Buffered Bicycle Lanes	Capital	Bicycle/Pedestrian	The City of Miami Beach and Miami-Dade County have been working together to improve the roadway conditions along this corridor. Funding for the project is anticipated to come from Road Impact Fee funds.					\$125,000.00	\$943,000.00	\$21,360,000.00
20	MacArthur Causeway/5th Street Corridor Adaptive Traffic Signal Control	Capital	Traffic	Implementation of Adaptive Traffic Signal Control Technologies along MacArthur Causeway between Fountain Street and Washington Avenue. Coordination with Miami-Dade County and FDOT is necessary.			\$450,000.00				
21	Alton Road from 5th Street to N. Michigan Avenue Adaptive Traffic Signal Control	Capital	Traffic	Implementation of Adaptive Traffic Signal Control Technologies along Alton Road between 5th Street and N. Michigan Avenue. Coordination with Miami-Dade County and FDOT is necessary.			\$700,000.00				
23	Indian Creek Drive from 26th Street to 41st Street Safety Improvements	Capital	Bicycle/Pedestrian	Preliminary Engineering, Design, and Implementation of Safety Improvements along Indian Creek Drive between 26th Street and 41st Street. In addition, the project shall include improved safety conditions for bicyclist along the corridor. The Public Works Department will complete an infrastructure project along this corridor beginning in Fiscal Year FY 2016/2016. Some of the improvements identified in the Master Plan will be included in this project.	\$110,000.00						
26	71st Street and Northmandy Drive Corridor Safety Study	Capital	Bicycle/Pedestrian	As a result of various pedestrian crashes in the area and based on the geometric characteristics of the corridor, the City and FDOT coordinated to conduct a pedestrian safety study along 71st Street and Northmandy Drive.	\$50,000 (FDOT)	\$0.00			\$0.00		
27	I-195/Julia Tuttle Cswy Shared-Use Path	Capital	Bicycle/Pedestrian	Preliminary Engineering, Design, and Construction of an off-road path along green areas adjacent to Julia Tuttle Cswy between Biscayne Boulevard and Alton Road/41st Street. This project shall be closely coordinated with FDOT.		\$100,000 (FDOT)	\$110,000 (FDOT)		\$2,400,000 (FDOT)		
28	85th Street Neighborhood Greenway	Capital	Bicycle/Pedestrian	Preliminary Engineering, Design, and Construction of a Neighborhood Greenway along 85th Street between Stillwater Park (Hawthorne Avenue) and Open-Space Park (Collins Avenue)		\$125,000.00	\$1,081,000.00				
33	Middle Beach Intermodal Station	Capital	Bicycle/Pedestrian	Preliminary Engineering, Design, and Construction of the Middle Beach Intermodal Station	\$120,000.00	\$0.00			\$360,000.00	\$4,095,000.00	
35	10th Street or 11th Street Neighborhood Greenway	Capital	Bicycle/Pedestrian	Preliminary Engineering, Design, and Construction for a Neighborhood Greenway along 10th Street or 11th Street. 11th Street will be in construction in Fiscal Year 2015/2016; however, the Fire Department has expressed concerns with traffic calming features along the corridor affecting their response time. If 11th Street was the chosen corridor, the Neighborhood Greenway features would be included in the corridor improvements. The prices reflected for this project would apply to 10th Street.		\$230,000.00	\$1,264,000.00				
36	Alton Road and N.Michigan Avenue Intersection Capacity Improvement	Capital	Intersection Improvement	Intersection Improvement to Alton Road and N.Michigan Avenue to add an additional southbound left turn. This project will be constructed by FDOT and construction begins 2017		\$2,600,000 (FDOT)					
37	Middle Beach Recreational Corridor	Capital	Bicycle/Pedestrian	Harmonization and construction project of the Middle Beach Recreational Corridor (Beachwalk). The City is in the Process of Pursuing Grants to assist in funding of the project.	\$13,274,037.00	\$2,200,000.00	\$10,000,000.00				
39	81st Street Neighborhood Greenway	Capital	Bicycle/Pedestrian	Preliminary Engineering, Design, and Construction of a Neighborhood Greenway along 81st Street between Tatum Waterway Drive and Collins Avenue		\$90,000.00	\$875,000.00				
40	77th Street Neighborhood Greenway	Capital	Bicycle/Pedestrian	Preliminary Engineering, Design, and Construction of a Neighborhood Greenway along 77th Street between Hawthorne Avenue and Collins Avenue		\$157,000.00	\$685,000.00				



LEGEND

- Existing Bike Lanes
- Future Shared Path
- Future Bike Boulevard
- Proposed Project



Project Aerial

Meridian Avenue Shared-use Path Project Preliminary Project Schedule																
Activity	Station	Duration (months)	2021													
			January	February	March	April	May	June	July	August	September	October	November	December		
(C) • Task Complete		Complete														
(R) • Under Review by DTPW																
(P) • Task in Progress																
(E) • Estimated Task																
60% Plus Completion	C	2														
Work Order to Complete Design	P	2														
100% Design Approval	P	3														
90% Design	P	3														
90% Plus Approval	P	3														
100% Construction Plus Design	P	2														
100% Construction	P	2														
DTPW Permit Application	P	4														
Procurement (Construction)	P	2														
Construction Contract Execution	P	2														
Construction Contract Start	P	2														
CRISM Permit Approval	P	2														
Contractor Provision of Supplementary Documentation	P	2														
Construction Notice To Proceed # 1	P	1														
Construction Notice To Proceed # 2	P	1														
Construction Submittal Approval	P	4														
Construction Submittal Completion	P	1														
Construction Close-Out	P	2														

Meridian Avenue Shared-Use Path Opinion of Probable Cost					
					2/11/2020
Units and Cost is based on recent similar capital improvement projects					
Item	Description	Qty	Unit	Unit Price	Price
Demolition					
1	Remove / dispose 8" of contaminated material for new share concrete path and portion of golf cart path	450	CY	\$65.00	\$29,250.00
Total Demolition:					\$29,250.00
Site Work					
1	Modify inlet drainage structure	2	EA	\$5,000.00	\$10,000.00
2	Construct bioswale (4' and 6')	0	LF	\$450.00	\$0.00
3	Install plexiglass shelter / barriers	0	EA	\$20,000.00	\$0.00
4	Construct Pedestrian Refugee and Bike station (Regular 2500 psi concrete on top of 4" compacted limerock base)	0	LS	\$35,000.00	\$0.00
5	Install detectable warning ADA Mats	4	EA	\$400.00	\$1,600.00
6	Remove 2" VG and replace it with 2" C&G	1700	LF	\$35.00	\$59,500.00
7	Construct Asphalt Share Path 10' wide (1"thick asphalt over 4"compacted limerock base)	17050	SF	\$3.00	\$51,150.00
8	Construct portion of Golf Course Concrete Path (Regular gray 2500 psi concrete over 4" compacted limerock base)	2048	SF	\$7.00	\$14,336.00
9	Tree relocation	50	EA	\$800.00	\$40,000.00
10	Tree planting	25	EA	\$1,500.00	\$37,500.00
11	Tree protection and erosion and sediment control implementation	1	LS	\$10,000.00	\$10,000.00
12	Ground cover and sod restoration	1	LS	\$5,000.00	\$5,000.00
13	Install trash and recycling receptacles on shared path	10	EA	\$1,200.00	\$12,000.00
Total Site Work :					\$241,086.00
Pavement Marking & Signage					
1	Path Striping	1	LS	\$10,000.00	\$10,000.00
2	Install informative signs on path	6	EA	\$400.00	\$2,400.00
Total PM & S:					\$12,400.00
Electrical					
1	Construct electrical service point	1	EA	\$20,000.00	\$20,000.00
2	Install 42" height light bollard every fifteen (15) feet	112	EA	\$3,000.00	\$336,000.00
Total Electrical:					\$356,000.00
Contingency]					10%
Subtotal					\$63,873.60
Design - 10%					\$70,260.96
CEI - 10%					\$70,260.96
Project Total					\$843,131.52
City Match					\$278,000.00
City Match					\$565,131.52



CITY OF MIAMI BEACH
 FY 2021 - 2025 Capital Budget and 5-Year Capital Improvement Plan

I. General

MERIDIAN AVE (NORTH) 28TH ST & DADE

STREET / SIDEWALKS STREETSCAPE

Project Number: 27910
 Department: TRANSPORTATION
 Location: MIDDLE BEACH
 Description: According to the Bicycle Pedestrian Master Plan Update, the best option along this segment of Meridian is to provide some type of bicycle/pedestrian access adjacent to the golf course. Though high winds can often be a nuisance when cycling on this corridor, additional street trees and landscaping would be a benefit to any street redesign. This shared path would allow for a safer off the street bicycle connectivity.
 Projected date range: 10/01/2015 to 09/30/2023

II. Cost Summary

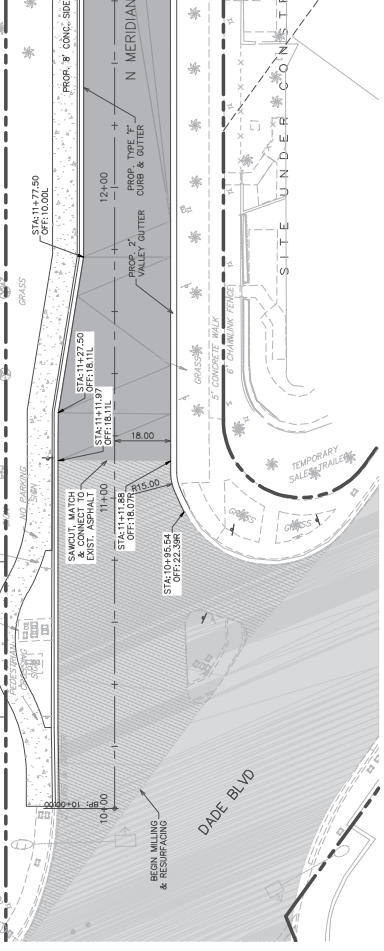
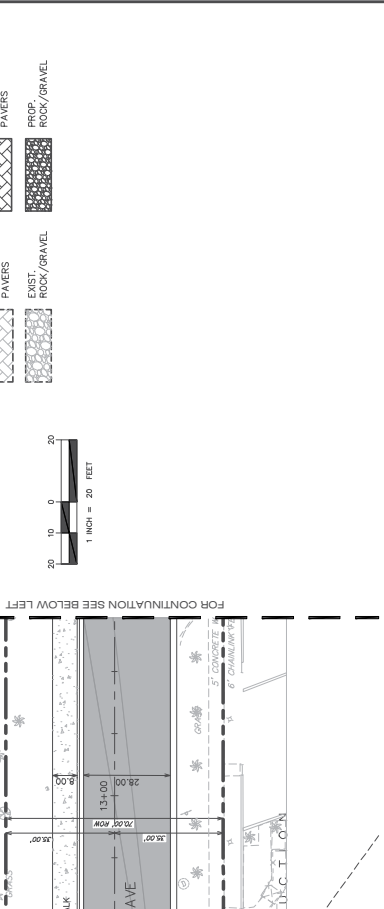
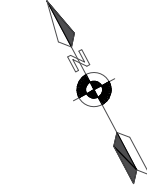
Cost Summary	Previous Years	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	Future	Total
CAPITAL MISCELLANEOUS	26,000	-	-	-	-	-	-	26,000
CONSTRUCTION	251,000	-	-	-	-	-	-	251,000
OIG FUNDING	1,000	-	-	-	-	-	-	1,000
Total:	278,000	-	-	-	-	-	-	278,000

III. Fund Summary

Fund Summary	Previous Years	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	Future	Total
187 HALF CENT TRANS. SURTAX COUNTY	278,000	-	-	-	-	-	-	278,000
Total:	278,000	-	-	-	-	-	-	278,000

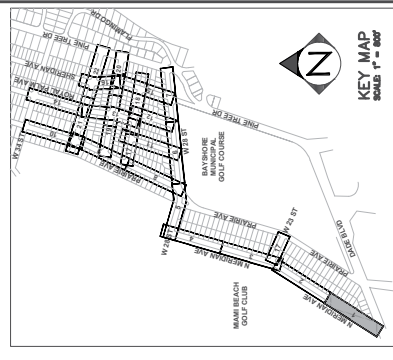
LEGEND

	PROPERTY LINE		PROP. ASPHALT
	RIGHT-OF-WAY LINE		PROP. CONCRETE
	CENTERLINE		PROP. BRICK PAVERS
	EASEMENT LINE		PROP. ROCK/GRAVEL
	EXIST. ASPHALT		EXIST. CONCRETE
	EXIST. CONCRETE		EXIST. BRICK PAVERS
	EXIST. BRICK PAVERS		EXIST. ROCK/GRAVEL
	EXIST. ROCK/GRAVEL		



NOTES:

- EXISTING CONDITIONS PRESENTED ARE BASED ON SURVEY INFORMATION PROVIDED BY MADONE CORP., JOB NO. 12062, DATED MAY 22, 2012. PHONE NO. (305) 288-1588.
- BEST AVAILABLE INFORMATION, CONTRACTORS TO FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.



DATUM INFORMATION
ALL ELEVATIONS SHOWN ON THIS CONSTRUCTION DRAWING ARE BASED ON THE MAM BEACH GOLF CLUB DATUM (EQUivalent TO 1,552' NAVD 83).

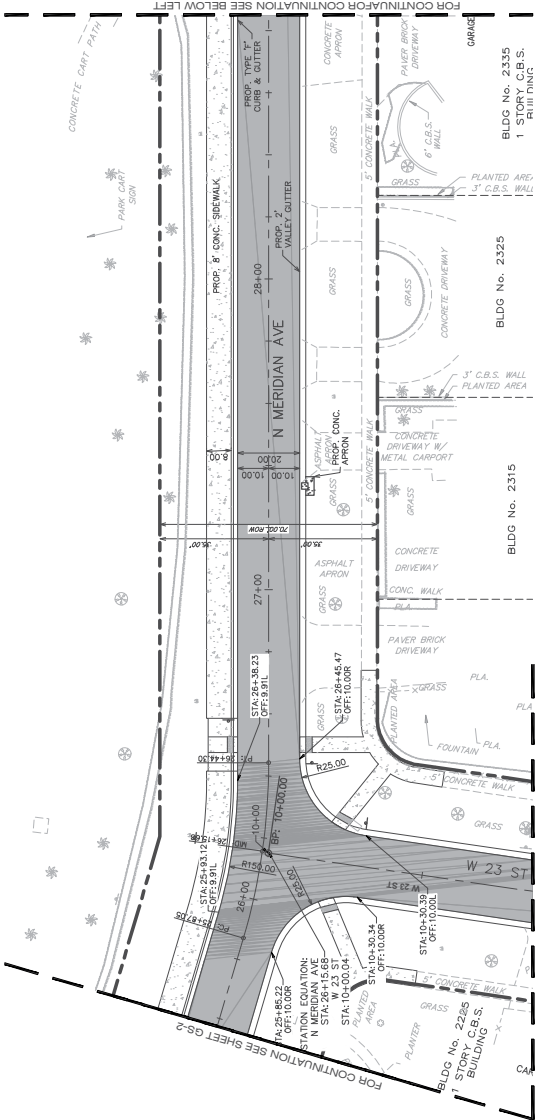
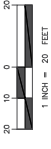
60% SUBMITTAL

File Path: \\w\projects\641010467 - north arrow.dwg
File Name: C-2016 RMBAY08S GS.dwg
Verify Scale: 0 1"
Sheet: 50 of 211 Drawing: GS-1

MIAMI BEACH OFFICE OF CAPITAL IMPROVEMENT PROJECTS PROJECT LOCATION: BAYSHORE SOUTH	NEIGHBORHOOD 8: CENTRAL BAYSHORE SOUTH NEIGHBORHOOD IMPROVEMENTS GEOMETRIC SITE PLAN			ENGINEER OF RECORD: GMM DESIGN ENGINEER: PKM
	CITY MANAGER: JIMMY L. MORALES DIRECTOR: DAVID MARTINEZ, P.E. CITY ENGINEER: BRUCE A. MOWRY, Ph.D., P.E.	CHECKER: GMM SCALE: AS SHOWN	REVISION NO. DATE	APPROVED BY:
	CITY ENGINEER: BRUCE A. MOWRY, Ph.D., P.E.	CHECKER: GMM SCALE: AS SHOWN	REVISION NO. DATE	APPROVED BY:
	CITY ENGINEER: BRUCE A. MOWRY, Ph.D., P.E.	CHECKER: GMM SCALE: AS SHOWN	REVISION NO. DATE	APPROVED BY:

LEGEND

	PROPERTY LINE		PROP. ASPHALT
	RIGHT-OF-WAY LINE		PROP. CONCRETE
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	EXIST. CONCRETE		EXIST. BRICK PAVERS
	EXIST. BRICK PAVERS		EXIST. ROCK/GRAVEL
	EXIST. ROCK/GRAVEL		

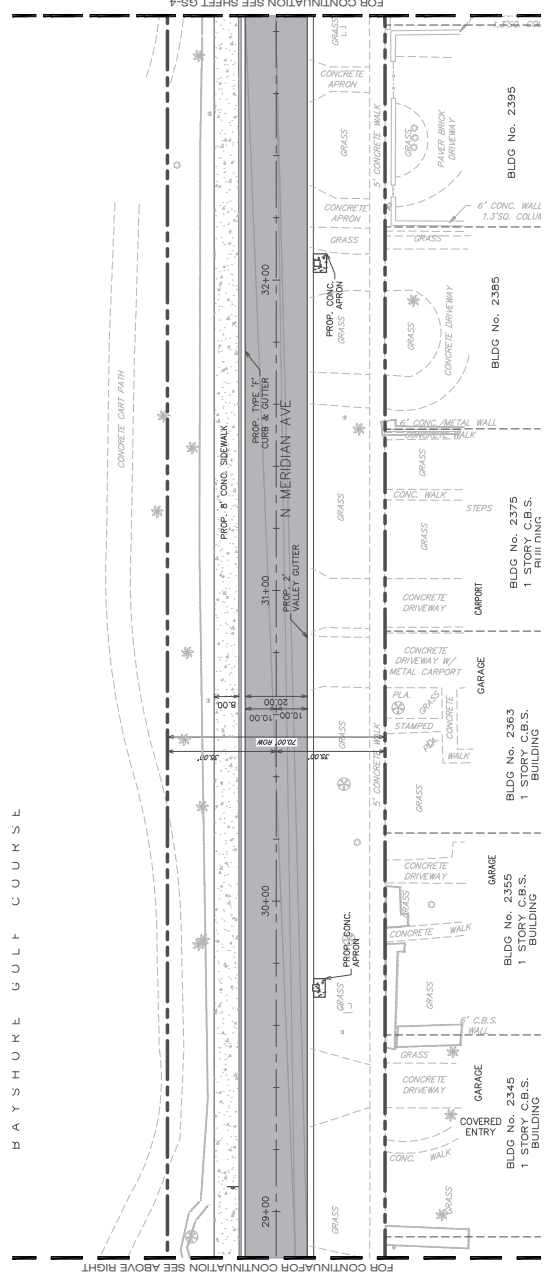
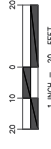
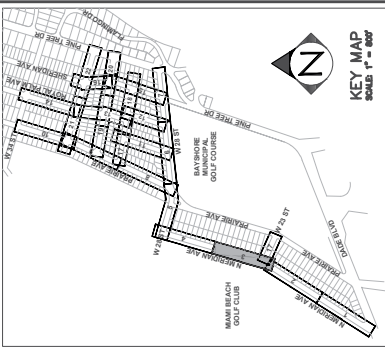


N MERIDIAN AVE

BAYSHORE GULF COURSE

NOTES:

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- BEST AVAILABLE INFORMATION. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.



N MERIDIAN AVE

NEIGHBORHOOD 8: CENTRAL BAYSHORE SOUTH
NEIGHBORHOOD IMPROVEMENTS
GEOMETRIC SITE PLAN

MIAMI BEACH
OFFICE OF CAPITAL IMPROVEMENT PROJECTS
1700 CONVENT CENTER DRIVE, MIAMI BEACH, FL 33139



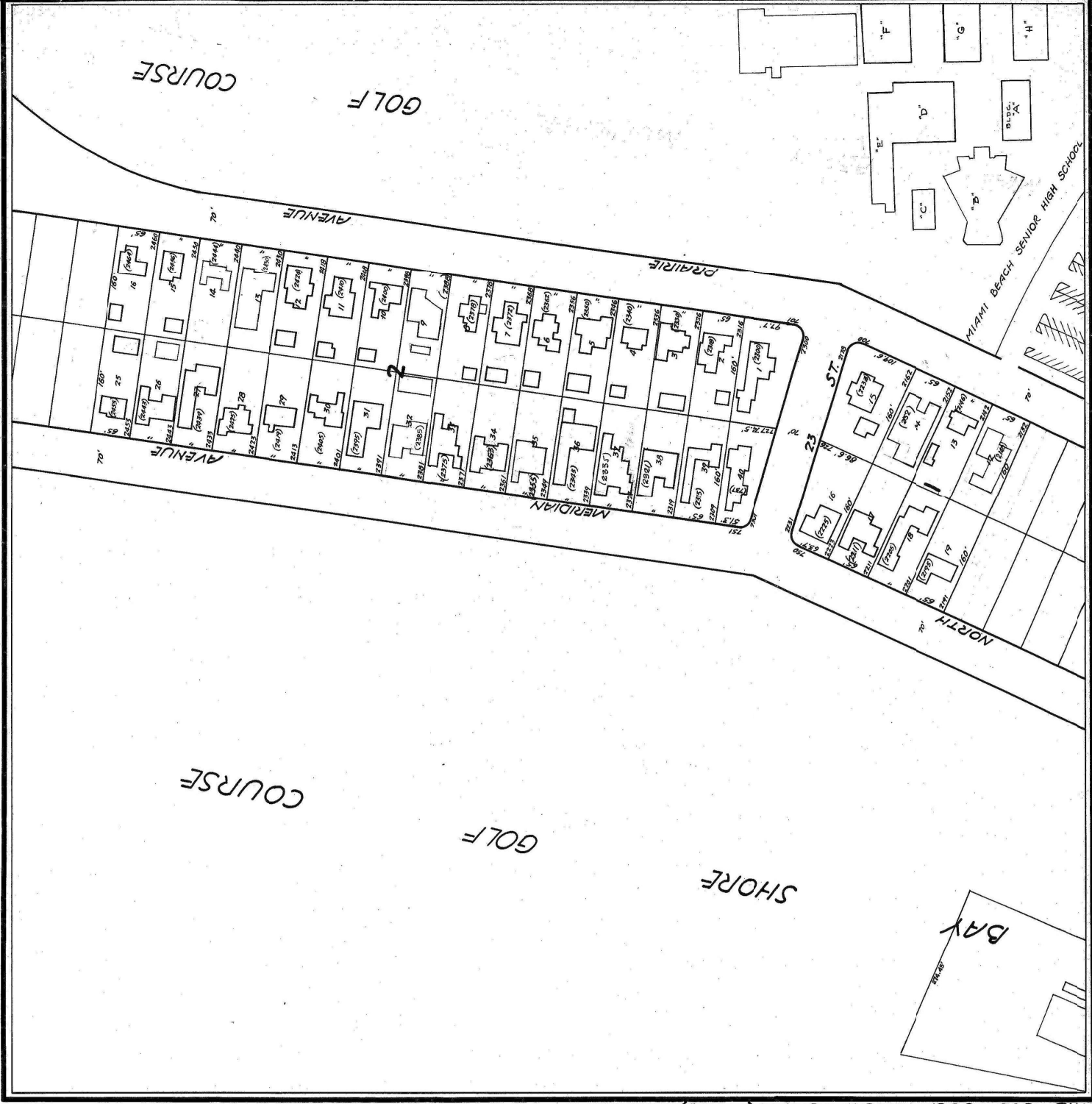
CITY MANAGER: JIMMY L. MORALES
DIRECTOR: DAVID MARTINEZ, P.E.
CITY ENGINEER: BRUCE A. MOWRY, Ph.D., P.E.

ENGINEER OF RECORD: PDK
DESIGN ENGINEER: AA
DRAWN BY: GAM
CHECKER: AS SHOWN
SCALE: AS SHOWN

NO.	DATE	REVISION
1		APP'D BY: _____
2		FILED IN: _____
3		FILE NAME: C-2016 RMBAY08S_GS.dwg
4		VERIFY SCALE: 1" = 20'
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.		
60% SUBMITTAL		

DATUM INFORMATION
ALL ELEVATIONS SHOWN ON THE CONSTRUCTION DRAWINGS ARE BASED ON THE MEAN SEA LEVEL DATUM (MSL) IF EQUIVALENT TO 1,552' ABOVE SEA LEVEL.

Always call 811 two full business days before you dig to have underground utilities located and marked.
sunshine101.com



Mid-Golf Sub - Blocks land 2 (A-200)

BLDGS. 10-1-42 R.W.II.
 1-1-44 " " " " " "
 1-1-49 " " " " " "
 1-1-50 " " " " " "
 7-10-75 R.B. " " " " " "

RETRACED JAN. 1943 R.W.II.
 UDATATED APR. 1985 AREAS

Folio: 02-3227-000-0100

Sub-Division:

Property Address
 451 DADE BLVD
 2300 PINE TREE DR
 2301 ALTON RD
 2301 ALTON RD

Owner
 CITY OF MIAMI BEACH

Mailing Address
 1700 CONVENTION CENTER DR
 MIAMI BEACH, FL 33139

PA Primary Zone
 8000 COMMUNITY FACILITIES

Primary Land Use
 8940 MUNICIPAL : MUNICIPAL

Beds / Baths / Half 0 / 0 / 0

Floors 3

Living Units 0

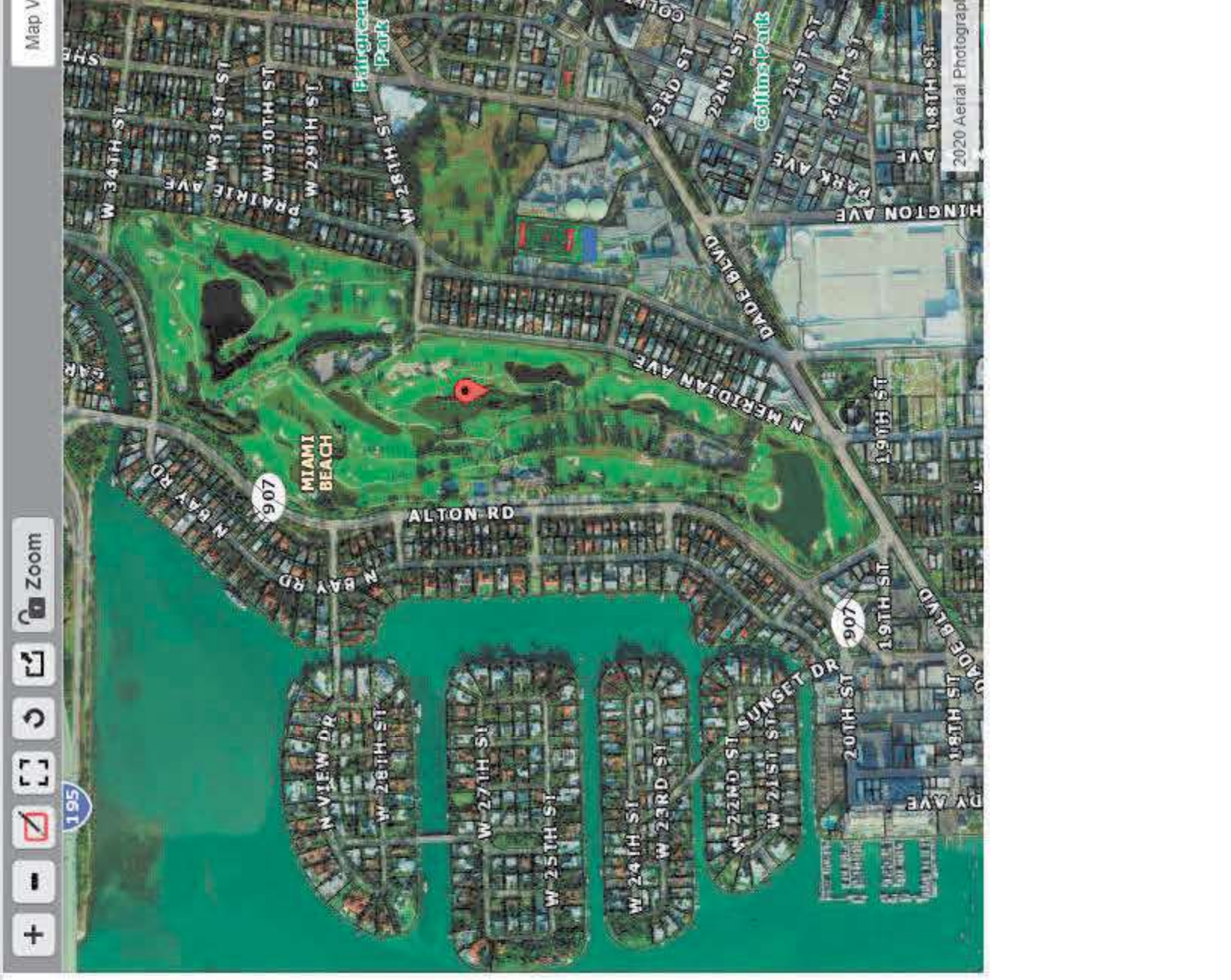
Actual Area 77,744 Sq.Ft

Living Area

Adjusted Area 75,103 Sq.Ft

Lot Size 4,993,718.4 Sq.Ft

Year Built Multiple (See Building Info.)



Map Zoom