



**City of Coral Gables**  
**CITY COMMISSION MEETING**  
May 26, 2020

**ITEM TITLE:**

A Resolution directing the City Manager to enter into a Memorandum of Understanding between the City of Coral Gables and Miami-Dade County and collectively with any other municipality within Miami-Dade County to engage and participate in a utility coordination GIS viewer for the purpose of sharing information in support of coordinating utility projects in order to minimize construction impacts on residents across Miami-Dade County.

**DEPARTMENT HEAD RECOMMENDATION:**

Approval

**BRIEF HISTORY:**

This item seeks approval for a Memorandum of Understanding (attached MOU document) between Miami Dade-County and City of Coral Gables for data and GIS technology collaboration.

This new initiative began in November 2019, when the City of Coral Gables' Information Technology department started working with Miami-Dade County's and City of Miami's technology departments and strategic partners on a data collaboration initiative to connect, interoperate and share real-time data and insight about traffic/mobility/transportation, MOT, utilities, CIP projects, right of way, smart city sensors, and other civic data in our region.

The goal of this ongoing data collaboration is to improve communication, efficiencies and interoperability between our municipalities through a centralized geospatial data hub and GIS apps that can be used by municipal employees from Public Works, Planning, Building, Zoning, Public Safety, IT and other areas of our three organizations. For example, it will be beneficial for our City to know in real time when the County and our neighbor City of Miami start a CIP project that may open an opportunity for collaboration (e.g.: road/street improvements, street lights, utility projects, etc.); or when a road closure MOT may impact each other's traffic; or to access each other's GIS maps and homegrown data applications for planning, public safety, emergency management, traffic engineering, telecommunication infrastructure, and other purposes.

For this collaboration initiative, we leveraged resources and strategic partnerships with the National Institute of Standards and Technology (NIST - USDOC), the Microsoft office of civic engagement (DataGovs program), the ESRI citizen engagement division, and academic/research institutions. We also registered this initiative as a Smart Region Collaborative through our Coral Gables NIST GCTC action cluster and GCTC data and smart region superclusters.

We held the kick-off meeting of this initiative in the Coral Gables IT department office back in November 2019, when we met with our IT counterparts from the County and Miami to establish a data integration plan and the logistics for the data collaboration. Our three collaboration teams have continued working together over the last months integrating our data systems; and we have been able to successfully integrate MOT, CIP and ROW data between our two cities and the county in a first phase of this project, which will allow us to provide insight to our Public Works departments and other entities in our smart region.

As part of this collaboration, the Miami-Dade County's Chief of Intergovernmental Affairs sent an Utility Coordination GIS MOU document to Miami and Coral Gables for review and execution (attached MOU). Our side of this MOU was reviewed by the Coral Gables City Attorney's Office for legal sufficiency, and by the Coral Gables Information Technology Department for technical specifications. City of Miami is also reviewing their respective MOU of this collaboration.

**ATTACHMENT(S):**

- 1. Draft Resolution**
- 2. Proposed MOU**