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Transportation and Public Works
Office of the Director
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Miami, Florida 33136
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Nov 9, 2022

Warren Adams
Historical Resources & Cultural Arts Director
2327 Salzedo Street
Coral Gables 33134

Re: Letter of Intent for proposed roundabout at Coral Way and Anderson Rd

Dear Mr. Adams,

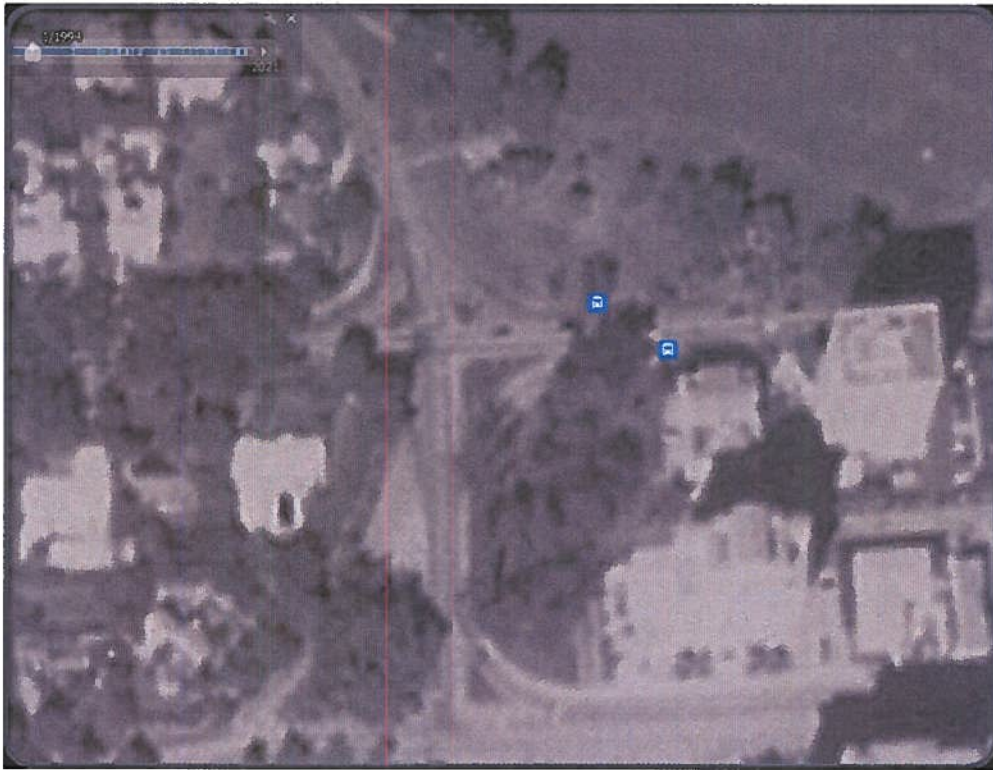
The Miami-Dade County Department of Transportation and Public Works (DTPW) proposes to replace the existing 2-way stop control at the intersection of Coral Way and Anderson Road with a roundabout.

Considering that Coral Way is designated a historic road by County ordinance 76-54 and as required by the City Coral Gables Historical Resources and Cultural Arts Office, we are cordially submitting a letter of intent stating existing conditions and detailing proposed improvements for your review and approval.

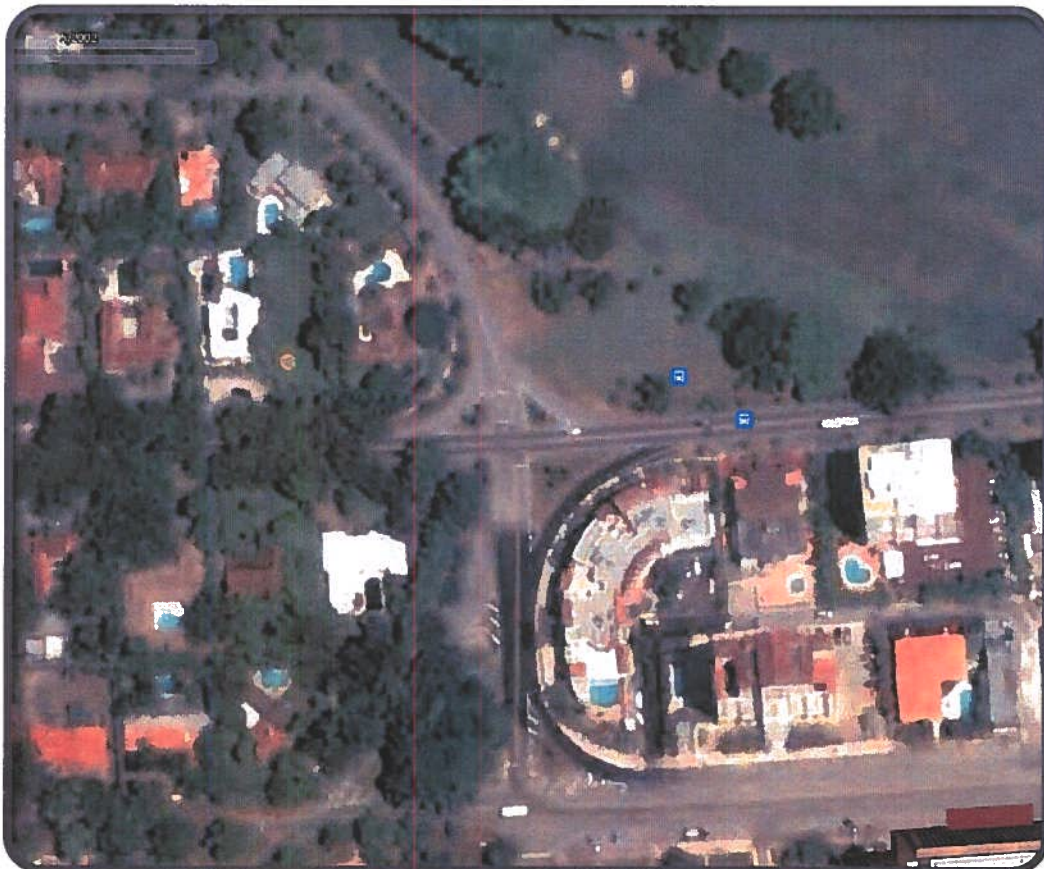
Historic Integrity and Development:

As depicted in pictures 1 thru 4, the area surrounding the intersection has changed thru the years except for the NE quadrant which contains the Granada Golf Course.

Figure 1 shows Average annual Daily Traffic volumes from 2017 to 2022 and figure 2 shows change in the city's population since 1990.



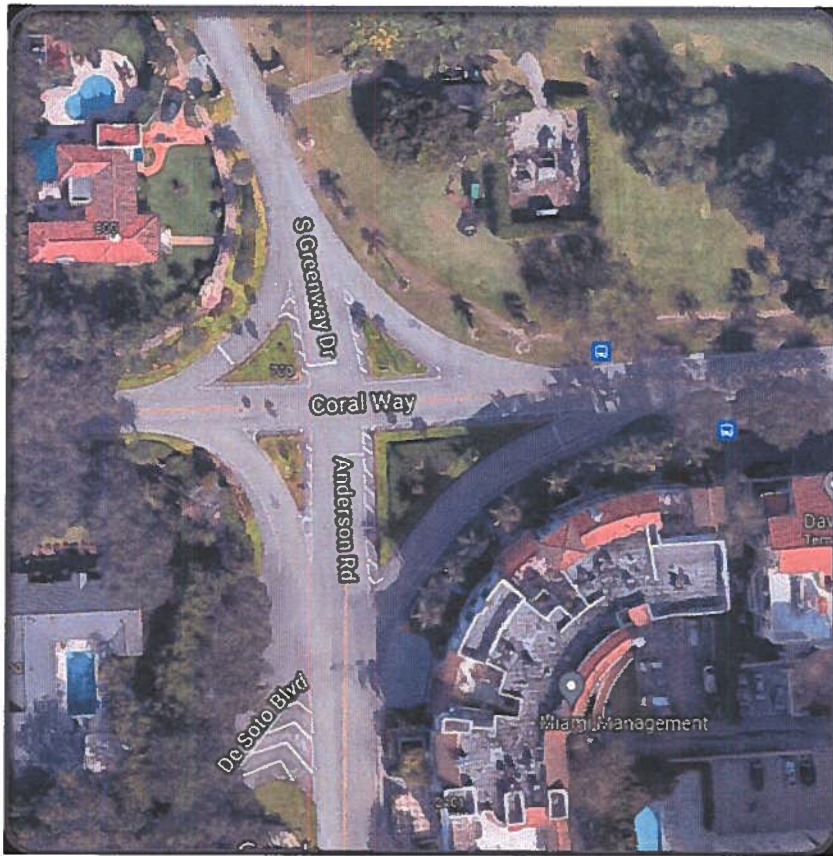
Picture 1. January 1994 Aerial Photo



Picture 2. May 2002 Aerial Photo



Picture 3. July 2007 Aerial Photo



Picture 4. Current Conditions 2022 Aerial Photo

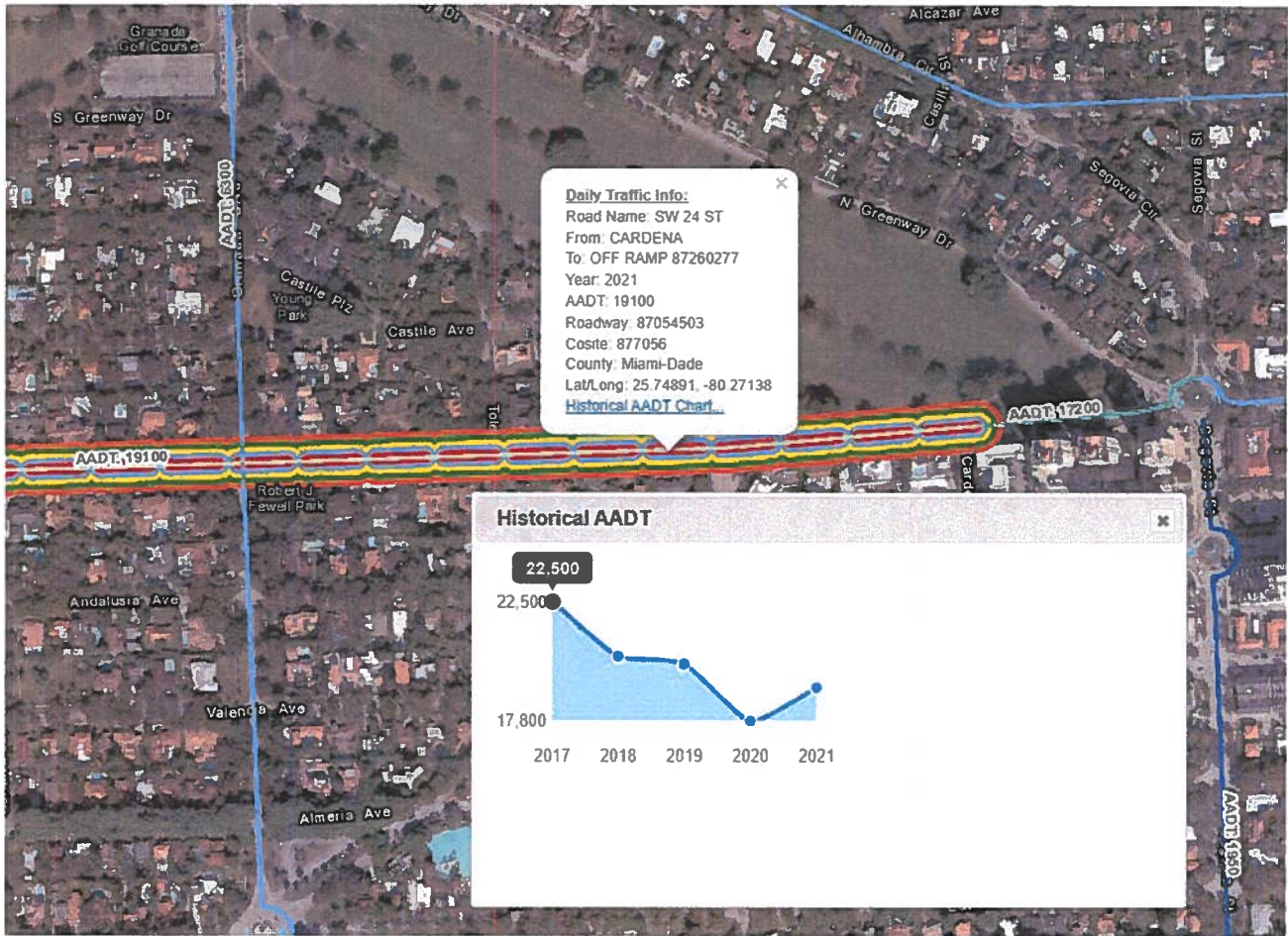


Figure 1. FDOT Traffic Online AADT Historical Data

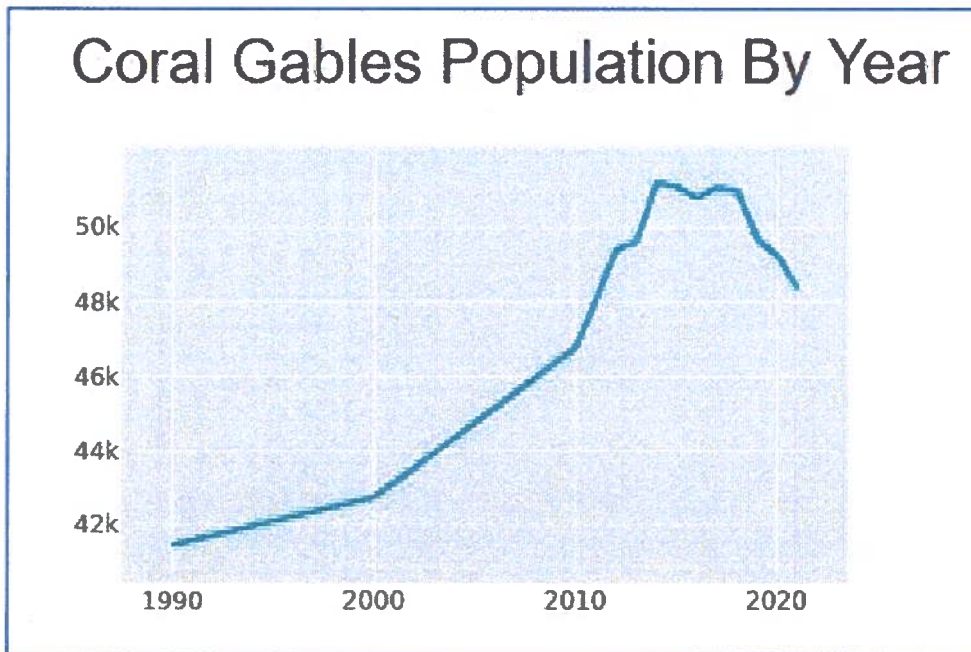


Figure 2. Population Historical Data

Existing Conditions:

The intersection has no demarcated pedestrian crossings or pedestrian connectors on any approach. Eastbound and westbound vehicular directions are free flow while northbound and southbound directions are controlled by stop signs.



Picture 5. Photograph on Anderson Rd looking SB



Picture 6. Photograph on Coral Way looking WB



Picture 7. Photograph on Anderson Rd looking NB



Picture 8. Photograph on Coral Way looking EB

Public Purpose:

The City of Coral Gables has received numerous complaints from residents concerned with the frequency of crashes occurring at the intersection of Coral Way and Anderson Rd. In 2014, City staff conducted a safety analysis and recommended the installation of a roundabout as a safety countermeasure to reduce number of crashes. Miami-Dade County Traffic Engineering Division validated this proposal thru a traffic operational analysis which concluded that "A traffic circle is recommended at the study intersection as a traffic calming device will mitigate the angle crashes occurring at the subject intersection. Based on the roundabout analysis, there appears to be a notable improvement in average intersection delay (from 30.8 seconds per vehicle to 16.8 seconds per vehicle) and level of service (LOS) from LOS D to LOS C during the AM peak hour. During the PM peak hour, there is a slight increase in average intersection delay (from 8.9 seconds per vehicle to 13.9 seconds per vehicle) and LOS reduces from LOS A to LOS B. This loss in LOS and slight increase in delay during the PM peak hour is relatively minor compared to the gains during the AM peak hour. Overall, installing a traffic circle at the study intersection will improve intersection safety and community livability. The design of this improvement can include providing pedestrian crosswalks on east and west legs which has been previously requested by City Officials to facilitate pedestrian crossings in the vicinity."

Proposed VS Existing:

Reflected in picture 9, the below improvements will benefit the area.

- Two-way stop control will be removed
- Roundabout will be implemented
- New crosswalks will be added on all legs
- Green area will expand with the proposed design
- Lighting will be proposed on all legs



Picture 9. Proposed design superposed on existing aerial photo

Should you require additional information, please contact Mrs. Yanek Fernandez, P.E., Traffic Engineering Division at 305-375-1847.

Sincerely, *Josenrique Cueto*

Josenrique Cueto, P.E.
Deputy Director - Chief Project Delivery Officer