



LEGISLATIVE MEMORANDUM

TO: Honorable Mayor and Members of the City Council

FROM: Suzanne Sherman, City Manager

THRU: Valentino Perez, Public Works Director

DATE: May 23, 2024

RE: Consideration of a Memorandum of Agreement with Brevard County for United States Environmental Protection Agency Climate Pollution Reduction Grant funding for photocatalytic rejuvenation.

SUMMARY:

Brevard County and the City of Palm Bay are working together to obtain a Climate Pollution Reduction Grant from the United States Environmental Protection Agency. Brevard County and the City of Palm Bay formed a coalition with Brevard County designated as the lead agency to reduce greenhouse gases through the implementation of photocatalytic pavement treatments. The grant application process requires that both parties sign a memorandum of agreement. The request to apply for the Climate Pollution Reduction Grant was originally submitted for the March 21, 2024 City Council meeting.

The project scope will include the implementation of technology to reduce mobile source emissions on County and City roads using photocatalysis. The road network consists of 1,145 centerline miles for the Brevard County and 839 centerline miles for the City of Palm Bay. Through this grant program, the coalition plans to treat more than 1,200 centerline miles between 2025 and 2029 with at least 40% of the project located in Low-Income Disadvantaged Communities.

If awarded the CPRG grant, the Photocatalytic Titanium Rejuvenation will replace the existing maltene base rejuvenation for FY 2025 Road Maintenance program. This will help save on our limited road maintenance funds to allow more streets to be preserved in future years.

REQUESTING DEPARTMENTS:

Public Works

FISCAL IMPACT:

None. There is no match requirement to this grant.

STAFF RECOMMENDATION:

Motion to approve and authorize execution of the Memorandum of Agreement between Brevard County and the City of Palm Bay as a Grant Process Requirement to Seek Funding for the Environmental Protection Agency Climate Pollution Reduction Grant for Photocatalytic Rejuvenation.

ATTACHMENTS:

1. Brevard County Board of County Commissioners/City of Palm Bay Coalition for Implementation of Photocatalytic Pavement Treatments – Project Narrative
2. Memorandum of Agreement Between Brevard County, Florida and the City of Palm Bay, FL for Climate Pollution Reduction Grant Funding from the United State Environmental Protection Agency