



MEMORANDUM

AGENDA ITEM #VI.F

DATE: APRIL 25, 2022

TO: COUNCIL MEMBERS

FROM: STAFF

SUBJECT: ALTERNATIVE FUEL CORRIDOR / DRIVE GREEN FLEET EXPO (SEFLCCC)

The Bipartisan Infrastructure Law was enacted as the Infrastructure Investment and Jobs Act (IIJA), (Public Law 117-58) on November 15, 2021. The Bipartisan Infrastructure Law includes \$7.5 billion to help accelerate EV adoption and build a nationwide network of 500,000 charging stations to increase charging availability and promote long-distance travel. An Infrastructure Investment and Jobs Act Summary Fact Sheet for Florida is included herewith.

To apply for funds from the Bipartisan Infrastructure Law, there must be alternative fuel corridors designated within the region. The Clean Cities Coordinator is working with Palm Beach, Broward, Miami-Dade, and Monroe county staff on passage of county resolutions designating corridors and on development of a regional application nominating alternative fuel corridors within the region.

The Southeast Florida Clean Cities Coalition is hosting the Drive Green Fleet Expo on Thursday, May 26, 2022, at the Anne Kolb Nature Center in Hollywood. The event is catered to government officials, commercial and municipal fleet managers, corporate sustainability officers, and clean-energy professionals, who want to learn how to use cleaner, low and zero-emissions fuels and technologies, while saving money.

Recommendation:

Support the alternative fuel corridor nominations.



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The Infrastructure Investment and Jobs Act will Deliver for Florida

President Biden and Vice President Harris support the Senate’s passage of the Infrastructure Investment and Jobs Act, the largest long-term investment in our infrastructure and competitiveness in nearly a century. **The need for action in Florida is clear and recently released state-level data demonstrates that the Infrastructure Investment and Jobs Act will deliver for Florida.** For decades, infrastructure in Florida has suffered from a systemic lack of investment. In fact, the American Society of Civil Engineers gave Florida a **C grade** on its infrastructure report card. The historic Infrastructure Investment and Jobs Act will make life better for millions of Florida residents, create a generation of good-paying union jobs and economic growth, and position the United States to win the 21st century. Specifically, the Infrastructure Investment and Jobs Act will:

- **Repair and rebuild our roads and bridges with a focus on climate change mitigation, resilience, equity, and safety for all users, including cyclists and pedestrians.** In Florida there are 408 bridges and over 3,564 miles of highway in poor condition. Since 2011, commute times have increased by 11.6% in Florida and on average, each driver pays \$425 per year in costs due to driving on roads in need of repair. The Infrastructure Investment and Jobs Act is the single largest dedicated bridge investment since the construction of the interstate highway system. **Based on formula funding alone, Florida would expect to receive \$13.1 billion for federal-aid highway apportioned programs and \$245 million for bridge replacement and repairs under the Infrastructure Investment and Jobs Act over five years**¹. Florida can also compete for the \$12.5 billion Bridge Investment Program for economically significant bridges and nearly \$16 billion of national funding in the bill dedicated for major projects that will deliver substantial economic benefits to communities.
- **Improve healthy, sustainable transportation options for millions of Americans.** Floridians who take public transportation spend an extra 77.9% of their time commuting and non-White households are 3.5 times more likely to commute via public transportation. **Based on formula funding alone, Florida would expect to receive \$2.6 billion over five years under the Infrastructure Investment and Jobs Act to improve public transportation options across the state**².
- **Build a network of EV chargers to facilitate long-distance travel and provide convenient charging options.** The U.S. market share of plug-in electric vehicle (EV) sales is only one-third the size of the Chinese EV market. The President believes that must change. The bill invests \$7.5 billion to build out the first-ever national network of EV

¹ These values are estimates and may change based on updated factor data each fiscal year.

² Transit formula funding amounts are subject to changes resulting from the 2020 census or from annual transit service data reported to FTA’s National Transit Database.

chargers in the United States and is a critical element in the Biden-Harris Administration's plan to accelerate the adoption of EVs to address the climate crisis and support domestic manufacturing jobs. **Under the Infrastructure Investment and Jobs Act, Florida would expect to receive \$198 million over five years to support the expansion of an EV charging network in the state³. Florida will also have the opportunity to apply for the \$2.5 billion in grant funding dedicated to EV charging in the bill.**

- **Help connect every American to reliable high-speed internet.** Broadband internet is necessary for Americans to do their jobs, to participate equally in school learning, health care, and to stay connected. Yet 13% of Florida households do not have an internet subscription. **Under the Infrastructure Investment and Jobs Act, Florida will receive a minimum allocation of \$100 million to help provide broadband coverage across the state, including providing access to the at least 707,000 Floridians who currently lack it. And, under the Infrastructure Investment and Jobs Act, 6,465,000 or 30% of people in Florida will be eligible for the Affordability Connectivity Benefit, which will help low-income families afford internet access.**
- **Prepare more of our infrastructure for the impacts of climate change, cyber attacks, and extreme weather events.** From 2010 to 2020, Florida has experienced 22 extreme weather events, costing the state up to \$100 billion in damages. **Under the Infrastructure Investment and Jobs Act, based on historical formula funding levels, Florida will expect to receive \$26 million over five years to protect against wildfires and \$29 million to protect against cyberattacks. Floridians will also benefit from the bill's historic \$3.5 billion national investment in weatherization which will reduce energy costs for families.**
- **Deliver clean drinking water to every American and eliminate the nation's lead service lines and pipes.** Currently, up to 10 million American households and 400,000 schools and child care centers lack safe drinking water. **Under the Infrastructure Investment and Jobs Act, based on the traditional state revolving fund formula, Florida will expect to receive \$1.6 billion over five years to improve water infrastructure across the state and ensure that clean, safe drinking water is a right in all communities.**
- **Improve our nation's airports.** The United States built modern aviation, but our airports lag far behind our competitors. **Under the Infrastructure Investment and Jobs Act,**

³ These values are estimates and may change based on updated factor data each fiscal year.

airports in Florida would receive approximately \$1.2 billion for infrastructure development for airports over five years⁴.

Over the coming days and weeks, we will expect to receive additional data on the impact of the Infrastructure Investment and Jobs Act in Florida.

⁴ Precise allocations would change each year because the formulas use current passenger boarding and cargo data, and this estimate is based on 2019 data.

Approved _____ Mayor

Agenda Item No.

Veto _____

Override _____

RESOLUTION NO. _____

RESOLUTION URGING THE U.S. DEPARTMENT OF TRANSPORTATION TO DESIGNATE U.S. HIGHWAY ONE AS AN ALTERNATIVE FUEL CORRIDOR PURSUANT TO TITLE 23, U.S. CODE SECTION 151 AND DIRECTING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO TAKE ALL NECESSARY STEPS TO PURSUE DESIGNATION OF U.S. HIGHWAY ONE AS AN ALTERNATIVE FUEL CORRIDOR

WHEREAS, Title 23, U.S. Code Section 151 requires the U.S. Department of Transportation (USDOT) to designate Alternative Fuel Corridors, a national network of plug-in electric vehicle charging and hydrogen, propane, and natural gas fueling infrastructure along national highway system corridors, and

WHEREAS, Miami-Dade County currently has three corridors designated as National Alternative Fuel Corridors, as depicted on Exhibit 1, and

WHEREAS, National Alternative Fuel Corridors are eligible for funding through the National Electric Vehicle Infrastructure Formula Program and Discretionary Grant Program for Charging and Fueling Infrastructure, and

WHEREAS, on February 10, 2022, USDOT, Federal Highway Administration (FHWA) issued a Request for Nominations for Alternative Fuel Corridors, and

WHEREAS, state and local officials can submit nominations to the USDOT, FHWA to designate additional Alternative Fuel Corridors by close of business on May 13, 2022, and

WHEREAS, the Request for Nominations states that the FHWA encourages nominations that focus on EV charging infrastructure along Interstate corridors, but nominations may also be submitted elsewhere on the National Highway System, and

WHEREAS, the Request for Nominations states that FHWA will identify designated Alternative Fuel Corridors as either “Corridor-Ready” or “Corridor-Pending”, and

WHEREAS, the Request for Nominations defines “Corridor-Ready” as corridors that contain alternative fueling facilities located within one mile of Interstate exits or highway intersections along the corridor that are spaced no more than 50 miles apart along the corridor, and

WHEREAS, the Request for Nominations defines “Corridor-Pending” as corridors that do not meet the criteria for “Corridor-Ready” and will require a strategy or plan and timeline for infrastructure build-out to be submitted, and

WHEREAS, U.S. Highway 1 is a roadway on the National Highway System that runs from Key West to Fort Kent, Maine, and

WHEREAS, U.S. Highway 1 meets the criteria identified in the Request for Nominations to be designated by FHWA as “Corridor-Pending” for Electric Vehicle Charging, and

WHEREAS, within Miami-Dade County, U.S. Highway 1 is about 60 miles in length and provides access to Downtown Miami, Everglades National Park, Biscayne National Park, and the Florida Keys, and

WHEREAS, approximately 28 miles of U.S. Highway 1 located in Miami-Dade County is a multi-modal transportation corridor that includes heavy rail, bus rapid transit and a bicycle/pedestrian trail, and

WHEREAS, the portion of U.S. Highway 1 located in Miami-Dade County carries between 30,000 and 80,000 Annual Average Daily Trips, and

WHEREAS, the numerous travelers on U.S. Highway 1 would benefit from increased electric vehicle charging infrastructure, and

WHEREAS, the National Electric Vehicle Infrastructure Formula Program Guidance issued by USDOT requires the State of Florida to submit an Electric Vehicle Charging Investment Plan by August 1, 2022,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board:

- 1) urges the United States Department of Transportation to designate U.S. Highway 1 as an Alternative Fuel Corridor pursuant to Title 23, U.S. Code Section 151; and
- 2) directs the County Mayor or County Mayor's designee to take all necessary steps to pursue designation of U.S. Highway 1 as an Alternative Fuel Corridor which may include, but not be limited to:
 - submit to the United States Department of Transportation, Federal Highway Administration to nominate the portion of U.S. Highway 1 located within Miami-Dade County as an Alternative Fuel Corridor for Electric Vehicle Charging; and
 - coordinating with the Florida Department of Transportation to incorporate the proposed nomination into state plans and proposals; and
 - coordinating with the South Florida Regional Planning Council to identify opportunities for regional collaboration on this effort.

The foregoing resolution was offered by Commissioner _____, who moved its adoption. The motion was seconded by Commissioner _____ and upon being put to a vote, the vote was as follows:

Jose "Pepe" Diaz, Chairman
Oliver G. Gilbert, III, Vice-Chairman

Sen. René García
Sally A. Heyman
Eileen Higgins
Kionne L. McGhee
Raquel A. Regalado
Sen. Javier D. Souto

Keon Hardemon
Danielle Cohen Higgins
Joe A. Martinez
Jean Monestime
Rebeca Sosa

The Chairperson thereupon declared this resolution duly passed and adopted this day of _____, 2021. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency. _____

RESOLUTION NO.

RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF BROWARD COUNTY, FLORIDA, SUPPORTING THE EXPANSION OF ROADWAYS IN BROWARD COUNTY TO BE DESIGNATED AS ALTERNATIVE FUELS CORRIDORS BY THE UNITED STATES DEPARTMENT OF TRANSPORTATION'S FEDERAL HIGHWAY ADMINISTRATION.

WHEREAS, increased adoption of electric vehicles (EVs) in Broward County can mitigate climate change hazards by decreasing greenhouse gas emissions and also provide public health benefits by improving air quality through reduced transportation-related emissions of harmful pollutants; and

WHEREAS, Broward County's Comprehensive Plan Transportation Goals, Objectives and Policies support Broward County advancing transportation and land use choices that: reduce fossil fuel use and vehicle miles traveled; improve the mobility of people, goods, and services; provide a diverse, efficient, and equitable choice of transportation options; and increase the County's resiliency to the impacts of climate change; and

WHEREAS, Broward County has supported and promoted EV usage by, among other initiatives: purchasing electric buses and electric vehicles; installing EV charging equipment at its Governmental Centers and various County facilities; and directing staff to coordinate internally, Countywide, and regionally to expand EV charging infrastructure, including investments at County facilities for fleet vehicles, employees, and the general public; and

WHEREAS, Title 23, U.S. Code Section 151 requires the U.S. Department of Transportation (USDOT) to designate National Alternative Fuels Corridors (AFCs), a national network of EV charging and hydrogen, propane, and natural gas fueling infrastructure along national highway system corridors; and

WHEREAS, AFCs are eligible for funding through the National Electric Vehicle Infrastructure Formula Program and Discretionary Grant Program for Charging and Fueling Infrastructure; and

WHEREAS, on February 10, 2022, USDOT Federal Highway Administration (FHWA) issued a Request for Nominations for AFCs; and

WHEREAS, state and local officials can submit nominations to the FHWA to designate additional AFCs by close of business on May 13, 2022; and

WHEREAS, the Request for Nominations states that FHWA will identify designated AFCs as either "Corridor-Ready" or "Corridor-Pending"; and

WHEREAS, the Request for Nominations defines "Corridor-Ready" as corridors that contain alternative fueling facilities located within one mile of Interstate exits or highway

intersections along the corridor that are spaced no more than 50 miles apart along the corridor;
and

WHEREAS, the Request for Nominations defines “Corridor-Pending” as corridors that do not meet the criteria for “Corridor-Ready” and will require a strategy or plan and timeline for infrastructure build-out to be submitted; and

WHEREAS, in Broward County, Interstate 95, Florida’s Turnpike, and State Road A1A are currently designated as Corridor Ready or Corridor Pending AFCs; and

WHEREAS, the Request for Nominations states that the FHWA encourages nominations that focus on EV charging infrastructure along Interstate corridors, but nominations may also be submitted elsewhere on the National Highway System; and

WHEREAS, the Southeast Florida Clean Cities Coalition is requesting that the Florida Department of Transportation nominate additional roadways in Southeast Florida as AFCs, including the sections of U.S. Routes 1, 27, 441 and the Sawgrass Expressway in Broward County.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF BROWARD COUNTY, FLORIDA, that:

Section 1: The foregoing recitals are hereby adopted and ratified.

Section 2: The Board requests that the Florida Department of Transportation include the roadways recommended to them by the Southeast Florida Clean Cities Coalition when nominating AFCs in 2022.

Section 3: The Board urges the Federal Highway Administration to designate as AFCs all eligible roadways in Broward County that are so nominated by the Florida Department of Transportation in 2022.

RESOLUTION NO. R2022-_____

RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF PALM BEACH COUNTY, FLORIDA, SUPPORTING THE EXPANSION OF ROADWAYS DESIGNATED AS ALTERNATIVE FUELS CORRIDORS BY THE FEDERAL HIGHWAY ADMINISTRATION IN PALM BEACH COUNTY.

WHEREAS, increased adoption of electric vehicles (EVs) in Palm Beach County can mitigate climate change hazards by decreasing greenhouse gas emissions and increase public health by decreasing tailpipe gas and particulate emissions; and

WHEREAS, installing, or encouraging or supporting installing, EV charging equipment in the County can keep the County current with, and responsive to, an ongoing technological transition; and

WHEREAS, Palm Beach County has supported and promoted EV usage by, among other initiatives: installing EV chargers at the Governmental Center in September 2021; directing staff to recommend changes to the Unified Land Development Code that would support adoption of EVs in July 2020; and approving a lease to allow development of a vertiport for electric aircraft at Palm Beach International Airport in October 2021; and

WHEREAS, Title 23, U.S. Code Section 151 requires the U.S. Department of Transportation (USDOT) to designate National Alternative Fuels Corridors (AFCs), a national network of EV charging and hydrogen, propane, and natural gas fueling infrastructure along national highway system corridors; and

WHEREAS, AFCs are eligible for funding through the National Electric Vehicle Infrastructure Formula Program and Discretionary Grant Program for Charging and Fueling Infrastructure; and

WHEREAS, on February 10, 2022, USDOT Federal Highway Administration (FHWA) issued a Request for Nominations for AFCs; and

WHEREAS, state and local officials can submit nominations to the FHWA to designate additional AFCs by close of business on May 13, 2022; and

WHEREAS, the Request for Nominations states that FHWA will identify designated AFCs as either “Corridor-Ready” or “Corridor-Pending”; and

WHEREAS, the Request for Nominations defines “Corridor-Ready” as corridors that contain alternative fueling facilities located within one mile of Interstate exits or highway intersections along the corridor that are spaced no more than 50 miles apart along the corridor; and

WHEREAS, the Request for Nominations defines “Corridor-Pending” as corridors that do not meet the criteria for “Corridor-Ready” and will require a strategy or plan and timeline for infrastructure build-out to be submitted; and

WHEREAS, in Palm Beach County, Interstate 95, Florida’s Turnpike, and State Road A1A are currently designated as Corridor Ready or Corridor Pending AFCs; and

WHEREAS, the Request for Nominations states that the FHWA encourages nominations that focus on EV charging infrastructure along Interstate corridors, but nominations may also be submitted elsewhere on the National Highway System; and

WHEREAS, the Southeast Florida Clean Cities Coalition is requesting that the Florida Department of Transportation nominate additional roadways in Southeast Florida as AFCs, including the sections of U.S. Routes 1, 27, and 441 in Palm Beach County.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF PALM BEACH COUNTY, FLORIDA, that:

Section 1: The foregoing recitals are hereby adopted and ratified.

Section 2: The Board requests that the Florida Department of Transportation include the roadways recommended to them by the Southeast Florida Clean Cities Coalition when nominating AFCs in 2022.

Section 3: The Board urges the Federal Highway Administration to designate as AFCs all eligible roadways in Palm Beach County that are so nominated by the Florida Department of Transportation in 2022.

The foregoing Resolution was offered by Commissioner _____, who moved its adoption. The motion was seconded by Commissioner _____, and upon being put to a vote, the vote was as follows:

Commissioner Robert S. Weinroth, Mayor	_____
Commissioner Gregg Weiss, Vice Mayor	_____
Commissioner Maria G. Marino	_____
Commissioner Dave Kerner	_____
Commissioner Maria Sachs	_____
Commissioner Melissa McKinlay	_____
Commissioner Mack Bernard	_____

The Mayor thereupon declared the Resolution duly passed and adopted this _____ day of _____, 2022.

APPROVED AS TO FORM AND ITS LEGAL SUFFICIENCY

PALM BEACH COUNTY, FLORIDA, BY BOARD OF COUNTY COMMISSIONERS JOSEPH ABRUZZO, CLERK

By: _____
County Attorney

By: _____
Deputy Clerk



DRIVE GREEN

FLEET EXPO 2022

PROPANE • CNG/RNG • EV • BIODIESEL

THURSDAY, MAY 26, 2022

9:00am – 4:00pm

Anne Kolb Nature Center

751 Sheridan Street, Hollywood



For more information, please contact:
Alisha Lopez, Southeast Florida Clean Cities Coordinator
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