PMC-EF2a
(2.04.02)

U.S. DEPARTMENT OF ENERGY
EERE PROJECT MANAGEMENT CENTER
NEPA DETERMINATION

RECIPIENT: Miami Dade County **STATE:** FL

PROJECT TITLE : Energy Efficient Lighting on Green Roadway Demonstration Project

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000013	EE-0000790		0

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:
Description:

B5.1 Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

Miami-Dade County, Florida proposes to use $829,556.00 of EECBG funding to develop sustainable/green roadways on two of the County's major road corridors. Both roadway corridors are approximately 1 mile in length and primary activities will include the installation of new high-efficiency streetlights where no streetlights exist in lieu of installing the traditional streetlight. Where traditional lighting exists within the corridors, the County will retrofit and/or replace these street lamps with high-efficiency lighting. Additionally, all school flashing signals and pedestrian crossing signals along these corridors will be retrofitted with LED lighting. The combination of LED lighting replacements (for school and pedestrian signals) and street lighting replacements (with high-efficiency lights) is projected to reduce energy consumption by 19,000 kilowatt hours per year.

Once the lighting project is completed, in a separate action the County intends to supplement the lighting improvements through local investments in bike paths that will be connected to other existing and proposed bikeways and pedestrian walkways to improve access to no-vehicle traffic areas. Additionally, new roadway paving will be completed and traffic signals optimized to improve vehicular traffic flow and reduce vehicle idling. New tree canopies will be planted to complement the green initiative to enhance carbon absorption while improving the aesthetics and appeal of the corridors.

All proposed work associated with government funding will take place within an existing public roadway right-of-way (ROW), and the County is in the process of applying for permits to perform the proposed action within the public ROW.

Due to the project location within an existing, disturbed ROW, no impacts to wetlands, cultural resources, threatened and endangered species, or any other sensitive biological habitats are anticipated. Additionally, this project will have no affect on air or water quality.

Prior to the expenditure of Federal funds to implement any of the above-mentioned activities, the Miami-Dade County has the affirmative responsibility to ensure that it has a waste management plan addressing waste generated by their proposed actions. The plan will describe the plan to dispose of any sanitary or hazardous waste, e.g. construction and demolition debris, old light bulbs, lead ballasts, piping, roofing materials, discarded equipment, debris, asbestos, etc. generated as a result of the proposed project. The Miami-Dade County must ensure that it will comply with all federal, state and local regulations for waste disposal.

Based on the reduced consumption of approximate 19,000 kilowatt hours/year following installation of the lighting project, this activity is Categorically Excluded from further NEPA review under CX 5.1, Actions to Conserve Energy.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 7/12/10

NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

☐ Field Office Manager review required

NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:

☐ Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.

☐ Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____ Date: _____

Field Office Manager