

PMC-EF2a

(204.02)

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



RECIPIENT: Lake County Board of County Commissioners

STATE: FL

PROJECT TITLE : EECBG Traffic Signal Synchronization - Closed Loop ITS Test Case/

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA0000013	DE-EE0000786	GFO-0000786-002	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:

Lake County Florida proposes to use \$40,000.00 in EECBG funding to install video cameras at 4 signal locations along US 27. Also, 1 camera will be installed at US 192 & Town Center Blvd and 200 feet of fiber optic cable will be installed to the County Fire Station. Cable will be installed using directional boring under US 27 and in the stretch to the County Fire Station. These installations are aimed at reducing energy costs of driving to the far reaches of the county to monitor the highway; saving fuels and reducing emissions by reducing idling and backed-up traffic; and enabling Lake County to better synchronize traffic.

NHPA:

The installation of the cable will be directionally bored and not trenched within the existing road right-of-way. This area has been graded to level and shaped for the US highway system, therefore cultural resources will not be adversely affected by the installation of the cable. The installation of the cameras will not be located in any historic district. The county fire station is less than 50 yrs and thus not eligible for listing on the National Register of Historic Places. The camera installations will not adversely affect historic structures.

The installation of the cameras and cable will not negatively impact any floodplain; take threatened or endangered species and/or critical habitat; and will not impact wetlands.

This project is comprised of installation of cameras to conserve energy; therefore a CX B5.1 will apply.

NEPA PROVISION

DOE has made a final NEPA determination for this award

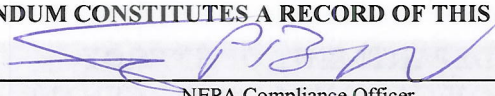
Insert the following language in the award:

Note to Specialist :

Eugene Brown 6/13/2011

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____



NEPA Compliance Officer

Date: _____

6/20/11

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: _____

Field Office Manager

Date: _____